

488 14/11: = 1003-129

FEDERAL MILK ORDER

MARKET STATISTICS

SEPTEMBER HIGHLIGHTS

MINIMUM CLASS I PRICE \$6.73; BLEND, \$6.21

PRODUCER DELIVERIES UP 2.7 PERCENT

PRODUCER MILK USED IN CLASS I DOWN 1.2 PERCENT

66 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES DOWN 0.8 PERCENT

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* Federal Order Milk Used in Manufactured *
* Dairy Products, 1959-1969 *
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FEDERAL MILK ORDER MARKET STATISTICS

Summary

Producer deliveries and producer deliveries used in Class I										Prices per 100 pounds (3.5 percent)	
Year and month	Number of mkt.	Prod. deliv-eries	Change: from prev. year	Del. used in Class I	Change: from prev. year	Class I Utilization	Class I		Blend		
							Percent	Dollars	Dollars	Dollars	
1966	71	53.0	-2.6	34.8	0.7	66	5.55	4.95			
1967	74	53.8	1.4	34.4	-1.1	64	5.85	5.17			
1968	67	56.4	5.0	36.5	6.0	65	6.23	5.53			
1969	67	61.0	8.1	39.2	7.3	64	6.50	5.74			

Producer deliveries and producer deliveries used in Class I										Prices per 100 pounds (3.5 percent)	
Year and month	Number of comp. mkt.	Prod. deliv-eries	Change: from prev. year	Del. used in Class I	Change: from prev. year	Class I Utilization	Class I		Blend		
							Percent	Dollars	Dollars	Dollars	
1970:											
Jan.	64	4.9	3.7	3.3	0.1	68	6.74	6.44	6.01	5.79	
Feb.	64	4.6	3.8	3.0	-1.0	64	6.78	6.44	5.98	5.75	
Mar.	64	5.2	4.0	3.2	-1.8	61	6.75	6.44	5.82	5.64	
Apr.	64	5.2	3.5	3.1	1.1	60	6.69	6.44	5.78	5.52	
May	64	5.6	3.4	3.1	-3.6	55	6.71	6.44	5.65	5.44	
June	64	5.3	3.2	2.9	2.4	54	6.70	6.47	5.65	5.39	
July	64	5.1	4.5	2.9	.6	57	6.73	6.49	5.84	5.61	
Aug.	58	5.0	3.4	2.9	-.8	59	6.72	6.50	5.97	5.77	
Sept.	58	4.8	2.7	3.2	-1.2	66	6.73	6.53	6.21	6.04	
Oct.											
Nov.											
Dec.											

Minimum Prices. The weighted average Class I price paid by handlers regulated under 58 comparable Federal milk order markets for 3.5 percent milk in September 1970 was \$6.73 per hundredweight, 20 cents higher than the \$6.53 per hundredweight price in September 1969. (See table 2.) Class I prices announced for October 1970 with comparisons with October 1969 are shown on table 1.

Producers in the 58 markets received a weighted average blend price of \$6.21 per hundredweight for 3.5 percent milk in September 1970, 17 cents higher than the \$6.04 price received by producer in September 1969. Class prices, blend prices, and associated butterfat differentials, by markets, are reported on table 2.

The weighted average Class I price for the January-September 1970 period for the 58 markets was \$6.72, 26 cents higher than the \$6.46 price for the same period in 1969. The weighted average blend price for January-September 1970 was \$5.87, 22 cents higher than the blend price of \$5.65 reported for the same period in 1969. (See table 3.)

Producer Deliveries. A total of 134,278 producers delivered 4.8 billion pounds of milk to handlers in the 58 markets during September 1970. The volume is 2.7 percent above producer deliveries in September 1969. Average daily delivery per producer increased from 1,125 pounds in September 1969, to 1,182 pounds in September of this year. Producer number, producer deliveries, average butterfat percentages, and average daily delivery per producer for individual markets are shown on table 4.

Producer deliveries during the first nine months of 1970 totaled 45.8 billion pounds in 58 markets, 3.6 percent above producer deliveries made during the same period in 1969. (See table 6.)

Producer Deliveries Used in Class I. The volume of producer deliveries used in Class I in 58 markets decreased 1.2 percent from last year, to a total of 3.2 billion pounds for September 1970. (See table 5.)

The volume of producer deliveries used in Class I during the first nine months of 1970 in 58 markets, totaled 27.6 billion pounds, 0.5 percent below such Class I use during the same period in 1969. (See table 6.)

Percentage of Producer Deliveries Used in Class I. The average Class I utilization percentage for 58 markets for September 1970 was 66 percent, three percent below that in September 1969. (See table 5.) The average utilization percentage in 58 markets for the first nine months of 1970 was 60 percent, compared to 63 percent for the first nine months of 1969. (See table 6.)

Producer Deliveries Used in Other Than Class I. The volume of producer deliveries used in other than Class I products in the 58 markets totaled 1.6 billion pounds in September 1970, 34 percent of producer deliveries. Table 10 shows for 61 markets where data were available, the percentage of whole milk equivalent used in manufactured products during the first eight months of 1970.

Filled and Imitation Milk Sales. Survey data of filled and imitation milk sales in Federal order markets are presented on table 13.

Fluid Milk Product Sales. Total in-area sales for September 1970 are estimated to be about 2.6 billion pounds, 0.8 below such sales in September of last year.

Total fluid in-area sales for August 1970 were 0.8 percent below sales for August 1969. This decrease was the result of decreases in whole milk items, mixtures, and cream items of 2.6 percent, 7.8 percent, and 0.4 percent, respectively, which were not offset by the 6.6 percent increase in skim and lowfat milk items. Complete August in-area sales for total fluid items, and the four major product groupings (whole milk, skim milk items, mixtures, and cream) are reported on table 8.

For the first eight months of 1970, total in-area sales of fluid milk items in Federal milk order markets where comparable data were available, were 0.4 percent below total fluid sales for the same period in 1969. Sales were up for many skim milk items, continuing a trend that started a few years ago. Sales of plain lowfat (2%) milk, and lowfat (2%) milk with solids added continued to show the largest increases, increasing 23.3 percent and 11.0 percent, respectively. Sales of all other fluid milk items, with the exception of flavored whole milk, and sour cream were down from the first eight months of the previous year. Whole milk sales were down 2.4 percent; sales of milk and cream mixtures were down 7.2 percent; and, sales of cream items were down 3.7 percent. Daily average sales of individual fluid milk products are shown on table 9.

Total fluid in-area sales; changes in sales and butterfat content of the four major fluid milk product groups and total fluid products

Year	No. of	Whole Milk Items		Skim Milk Items		Milk and Cream Mixtures		Cream Items		Total Fluid Items							
		Percent	Change	Percent	Change	Percent	Change	Percent	Change	Bil. lb.	Percent						
comp. of	of	Change over prev. year	Change over prev. year	Change over prev. year	Change over prev. year	Change over prev. year	Change over prev. year	Change over prev. year	Change over prev. year	Total	Change over prev. year						
1966	66	-0.4	85.0	3.52	+13.5	12.7	1.43	-2.0	1.4	11.7	-5.2	0.9	22.8	24.5	+1.2	100.0	3.53
1967	67	-2.9	83.1	3.50	+13.4	14.7	1.49	-5.2	1.4	11.5	-6.0	.8	22.7	24.9	-.9	100.0	3.46
1968	62	-.7	81.1	3.49	+16.2	16.8	1.48	-3.2	1.4	11.4	-4.2	.7	22.5	28.3	+1.7	100.0	3.40
1969	60	-1.9	78.8	3.47	+13.6	19.2	1.51	-6.3	1.3	11.4	-4.8	.7	22.2	30.0	+6	100.0	3.32
1970																	
Jan.	61	-1.9	78.1	3.47	+13.2	20.3	1.55	-5.8	1.0	11.3	-3.9	.6	21.5	2.8	+8	100.0	3.27
Feb.	61	-3.0	78.0	3.46	+9.6	20.4	1.53	-8.3	1.0	11.3	-7.5	.6	22.0	2.4	-.7	100.0	3.26
Mar.	61	-4.1	77.4	3.47	+7.7	20.8	1.53	-7.6	1.1	11.3	+9	.7	22.3	2.6	-1.8	100.0	3.27
Apr.	61	-1.2	77.5	3.45	+9.7	20.9	1.53	-7.2	1.0	11.3	-9.1	.6	22.0	2.6	+8	100.0	3.25
May	61	-5.5	77.3	3.45	+3.9	21.0	1.52	-10.1	1.1	11.3	-10.3	.6	22.4	2.5	-3.9	100.0	3.26
June	61	+6	76.2	3.45	+10.3	21.9	1.52	-2.9	1.2	11.3	+1.8	.7	22.2	2.4	+2.6	100.0	3.25
July	61	-.9	76.4	3.45	+8.1	21.8	1.53	-6.4	1.1	11.3	-.9	.7	22.0	2.4	+9	100.0	3.24
Aug.	55	-2.6	76.4	3.45	+6.6	21.8	1.56	-7.8	1.1	11.3	-.4	.7	21.6	2.4	-.8	100.0	3.25
Sept.																	
Oct.																	
Nov.																	
Dec.																	
Year																	

1/ Includes eggnog.

Errata

The following corrections should be made in the August 1970 issue of FMOS-128

Page No. 32 :Milk deliveries by State of origin to handlers regulated under Federal milk orders 1968-69

Table 21 :Deliveries to Federal order plants

States	Total	As a % of milk delivered to all plants and dealers	
		Fluid grade	All milk
		1969	1969
		Mil. lb.	Percent
Indiana	1,833	96	80
Wisconsin	8,295	98	

Table 1.--Federal order minimum Class I prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point*, and butterfat differentials, October 1969 and 1970

Marketing area	Class I price : Fat : per 100 lb. : Differential : October : 0.1% :				Marketing area	Class I price : Fat : per 100 lb. : Differential : October : 0.1% :			
	1970		1969			1970		1969	
	Dollars	Cents	Dollars	Cents		Dollars	Cents	Dollars	Cents
NEW ENGLAND					WEST NORTH CENTRAL -Con.				
Massachusetts-R.I.-N.H.	7.64	7.47	8.2	8.2	<u>Southern Group</u>				
Connecticut	7.64	7.47	8.2	8.2	St. Louis-Ozarks	6.26	6.09	8.5	8.4
					Kansas City	6.40	6.23	8.5	8.4
MIDDLE ATLANTIC					Neosho Valley	6.31	6.14	8.8	8.7
New York-New Jersey	7.30	7.13	8.2	8.2	Wichita	6.46	6.29	8.5	8.4
Middle Atlantic	7.44	7.28	8.2	8.2					
					EAST SOUTH CENTRAL				
SOUTH ATLANTIC					Paducah	6.51	6.34	8.5	8.4
Appalachian	6.79	6.62	8.5	8.4	Nashville	6.24	6.09	8.5	8.4
Tampa Bay	7.41	7.30	7.5	7.5	Memphis	6.60	6.43	8.5	8.4
Southeastern Florida	7.61	7.59	7.5	7.5	Knoxville	6.20	5.79	8.5	8.4
Upper Florida	7.31	7.29	7.5	7.5	Chattanooga	6.81	6.70	8.5	8.4
					Mississippi	7.13	6.96	8.5	8.4
EAST NORTH CENTRAL					Georgia	6.96	6.85	8.5	8.4
<u>Eastern Group</u>									
Upstate Michigan	6.15	5.98	NA	7.5	WEST SOUTH CENTRAL				
Southern Michigan	6.26	6.09	7.9	7.7	<u>Northern Group</u>				
Eastern Ohio-Western Pa.	6.53	6.36	8.5	8.4	Central Arkansas	6.60	6.43	8.5	8.4
Ohio Valley	6.36	6.16	8.5	8.4	Fort Smith	6.61	6.44	8.8	8.7
					Oklahoma Metropolitan	6.64	6.47	8.8	8.7
<u>Western Group</u>					Red River Valley	6.86	6.69	8.8	8.7
Mich. Upper Peninsula	6.01	5.84	8.8	8.7	Texas Panhandle	6.91	6.74	8.5	8.4
Chicago Regional	5.92	5.60	8.5	8.4	Lubbock-Plainview	7.08	6.91	8.8	8.7
Louisville-Lex.-Evans.	6.15	5.98	8.5	8.4					
Indiana	6.13	5.96	8.5	8.4	<u>Southern Group</u>				
Southern Illinois	6.19	6.02	8.5	8.4	Northern Louisiana	7.13	6.96	8.5	8.4
Central Illinois	6.05	5.88	8.5	8.4	New Orleans	7.51	7.34	8.5	8.4
					North Texas	6.9	6.81	8.8	8.7
WEST NORTH CENTRAL					Central West Texas	7.23	7.06	8.8	8.7
<u>Northern Group</u>					Austin-Waco	7.36	7.19	8.5	8.4
Duluth-Superior	5.76	5.59	9.2	9.1	San Antonio	7.40	7.23	8.8	8.7
Minneapolis-St. Paul	5.72	5.55	8.5	8.4	Corpus Christi	7.73	7.56	8.5	8.4
Eastern South Dakota	6.16	5.99	8.5	8.4	South Texas	7.34	7.17	8.8	8.7
Black Hills	6.61	6.44	8.5	8.4					
North Central Iowa	5.91	5.74	8.5	8.4	MOUNTAIN				
Cedar Rapids-Iowa City	5.96	5.79	8.5	8.4	Eastern Colorado	6.96	6.67	9.2	9.1
Quad Cities-Dubuque	5.96	5.79	8.8	8.7	Great Basin	6.91	6.74	9.5	9.4
Des Moines	6.11	5.94	8.5	8.4	Western Colorado	6.91	6.62	9.2	9.1
Nebraska-Western Iowa	6.26	6.09	8.8	8.7	Central Arizona	7.18	6.99	9.5	9.4
Minnesota-North Dakota	5.96	5.79	8.5	8.4	Rio Grande Valley	7.01	6.84	8.8	8.7
Southeastern Minnesota-									
Northern Iowa	5.72	5.55	8.5	8.4	PACIFIC				
					Puget Sound	6.51	6.34	8.8	8.8
					Inland Empire	6.61	6.51	8.7	8.6
					Oregon-Washington	6.61	---	8.5	---

* Generally the major city in the marketing area. See footnotes on table 2 for location.

TABLE 2.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, SEPTEMBER**

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL D.12			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	SEPT 1970	SEPT 1969	SEPT 1970	SEPT 1969	SEPTEMBER 1970		SEPTEMBER 1970			
DOLLARS						CENTS				
NEW ENGLAND										
MASSACHUSETTS-RI-NH 1/	7.59	7.40	6.92	6.72	4.78	---	8.2	8.2	---	8.2
CONNECTICUT 2/	7.59	7.40	7.47	7.25	4.78	---	8.2	8.2	---	8.2
AVERAGE 3/	7.59	7.40	7.05	6.85	---	---	8.2	---	---	8.2
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY 4/	7.25	7.06	6.61	6.42	4.60	---	8.2	8.2	---	8.2
MIDDLE ATLANTIC 5/	6/7.39	7.21	6/6.51	6.34	6/4.74	---	8.2	8.2	---	8.2
AVERAGE 3/	7.30	7.11	6.58	6.39	---	---	8.2	---	---	8.2
SOUTH ATLANTIC										
APPALACHIAN 7/	6.74	6.55	6.57	6.46	4.45	---	8.4	7.9	---	8.3
TAMPA BAY	7.36	7.32	7.26	7.15	4.81	---	7.5	8.1	---	7.6
SOUTHEASTERN FLORIDA 8/	7.56	7.52	7.42	7.36	4.81	3.23	7.5	8.1	8.1	7.6
UPPER FLORIDA 9/	7.26	7.22	7.21	7.10	4.81	---	7.5	9.1	---	7.6
AVERAGE 3/	7.25	7.20	7.14	7.06	---	---	7.7	---	---	7.5
EAST NORTH CENTRAL										
EASTERN GROUP										
UPSTATE MICHIGAN 10/	6.10	5.91	5.63	5.56	4.81	4.59	8.0	8.0	8.0	8.0
SOUTHERN MICHIGAN 11/	6.21	6.02	5.71	5.47	4.81	4.66	8.0	8.0	8.0	8.0
EASTERN OHIO-WESTERN PA. 12/	6.48	6.29	5.93	5.75	4.66	---	8.4	8.1	---	8.3
OHIO VALLEY 13/	6.31	6.13	6.15	5.95	4.76	4.66	8.4	8.1	8.1	8.2
AVERAGE 3/	6.33	6.14	5.91	5.70	---	---	8.2	---	---	8.2
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 14/	5.96	5.77	15/5.64	15/5.35	4.66	---	8.7	8.1	---	8.5
CHICAGO REGIONAL 16/	5.87	5.62	5.36	5.19	4.66	---	8.4	8.5	---	8.5
LSVILLE-LXGTON-EVNSVILLE	6.10	5.91	6.18	6.05	4.66	---	8.4	8.5	---	8.4
INDIANA 17/	6.08	5.89	6.09	5.84	4.66	---	8.4	8.0	---	8.2
SOUTHERN ILLINOIS 18/	6.14	5.95	5.98	5.87	4.66	---	8.4	8.1	---	8.3
CENTRAL ILLINOIS 19/	6.00	5.81	5.82	5.56	4.66	---	8.4	8.1	---	8.3
AVERAGE 3/	5.97	5.74	5.62	5.44	---	---	8.4	---	---	8.4
WEST NORTH CENTRAL										
NORTHERN GROUP										
DULUTH - SUPERIOR	5.71	5.52	5.22	4.94	4.44	---	9.1	8.5	---	8.8
MINNEAPOLIS - ST. PAUL	5.67	5.48	5.32	5.14	4.66	---	8.4	8.2	---	8.3
EASTERN SOUTH DAKOTA 20/	6.11	5.92	6.04	5.71	4.66	---	8.4	7.8	---	8.1
BLACK HILLS 21/	6.56	6.77	5.55	5.37	4.66	---	8.4	7.8	---	8.0
NORTH CENTRAL IOWA 22/	5.86	5.67	23/5.59	23/5.42	4.66	---	9.4	8.1	---	8.3
CEDAR RAPIDS - IOWA CITY	5.91	5.72	5.42	5.44	4.66	---	8.4	7.8	---	8.1
QUAD CITIES - DUBUQUE 24/	5.91	5.72	5.50	5.31	4.66	---	8.7	8.1	---	8.4
DES MOINES	6.06	5.87	5.58	5.52	4.66	---	9.4	7.8	---	8.1
NEBRASKA - WESTERN IOWA 16/	6.21	6.02	5.71	6.09	4.81	4.66	8.7	8.1	8.1	8.4
MINNESOTA - NORTH DAKOTA 25/	5.91	5.48	5.22	5.03	4.66	---	8.4	8.1	---	8.2
S.E. MINN.-NORTHERN IOWA	5.67	5.48	5.29	5.23	4.66	---	8.4	8.2	---	8.3
AVERAGE 3/	6.04	5.82	5.54	5.54	---	---	8.6	---	---	8.3

CONTINUED

TABLE 2.-- FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.D.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, SEPTEMBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%							
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND				
	SEPT 1970	SEPT 1969	SEPT 1970	SEPT 1969	SEPTEMBER 1970		SEPTEMBER 1970							
DOLLARS											CENTS			
WEST NORTH CENTRAL -CON.														
SCUTHERN GROUP														
ST LOUIS - OZARKS <u>26/</u>	6.21	6.02	5.98	5.89	4.66	---	8.4	8.1	---	8.3				
KANSAS CITY <u>27/</u>	6.35	6.16	5.74	5.63	4.61	4.66	8.4	8.1	8.1	7.5				
NECSHO VALLEY <u>28/</u>	6.26	6.07	5.71	5.56	4.66	---	8.7	8.1	---	8.5				
WICHITA <u>16/</u>	6.41	6.22	6.12	5.80	4.61	4.66	8.4	8.1	8.1	8.3				
AVERAGE <u>3/</u>	6.29	6.10	5.90	5.79	---	---	8.4	---	---	8.0				
EAST SOUTH CENTRAL														
PACUCAH	6.46	6.27	6.21	6.07	4.66	---	8.4	8.1	---	7.5				
NASHVILLE	6.19	6.06	5.92	5.80	4.66	---	9.4	8.1	---	8.4				
MEMPHIS	6.55	6.36	<u>23/6.28</u>	<u>23/6.18</u>	4.66	---	8.4	8.1	---	7.5				
KNOXVILLE	6.23	5.96	5.97	5.60	4.66	---	8.4	8.1	---	8.4				
CHATTANOUGA	6.76	6.85	6.32	6.29	4.66	---	8.4	8.1	---	8.4				
MISSISSIPPI <u>29/</u>	7.08	6.89	6.82	6.54	4.66	---	8.4	7.8	---	8.3				
GEORGIA <u>30/</u>	6.91	7.00	6.66	6.65	4.66	---	8.4	8.1	---	8.3				
AVERAGE <u>3/</u>	6.58	6.44	6.28	6.11	---	---	8.4	---	---	8.2				
WEST SOUTH CENTRAL														
NORTHERN GROUP														
CENTRAL KANSAS <u>31/</u>	6.55	6.36	6.46	6.23	4.66	---	8.4	8.1	---	8.4				
FORT SMITH	6.56	6.37	<u>23/6.25</u>	<u>23/6.09</u>	4.66	---	8.7	8.1	---	8.5				
OKLAHOMA METROPOLITAN <u>32/</u>	6.59	6.40	5.98	6.01	4.54	---	8.7	8.1	---	8.5				
RED RIVER VALLEY <u>33/</u>	6.81	6.62	5.71	5.78	4.54	---	8.7	8.1	---	8.4				
TEXAS PANHANDLE <u>34/</u>	6.86	6.67	6.66	6.12	4.59	---	8.4	7.8	---	8.3				
LUBBOCK - PLAINVIEW	7.03	6.84	6.90	6.63	4.58	---	8.7	8.1	---	8.6				
AVERAGE <u>3/</u>	6.66	6.47	6.11	6.07	---	---	8.6	---	---	8.4				
SOUTHERN GROUP														
NORTHERN LOUISIANA <u>35/</u>	7.08	6.89	6.96	6.79	4.66	---	8.4	7.8	---	8.3				
NEW ORLEANS	7.46	7.27	6.80	6.29	4.66	---	8.4	7.8	---	8.2				
NORTH TEXAS <u>36/</u>	6.93	6.74	6.45	6.18	4.58	---	8.7	8.1	---	8.5				
CENTRAL WEST TEXAS <u>37/</u>	7.18	6.99	6.90	6.72	4.58	---	8.7	8.1	---	8.5				
AUSTIN - WACO <u>38/</u>	7.31	7.12	<u>23/7.13</u>	<u>23/6.97</u>	4.59	---	8.4	7.8	---	7.8				
SAN ANTONIO	7.35	7.16	7.08	6.41	<u>39/4.51</u>	---	8.7	7.6	---	7.8				
CORPUS CHRISTI <u>40/</u>	7.68	7.49	6.91	7.12	4.84	4.59	8.4	7.8	7.8	8.2				
SOUTH TEXAS <u>41/</u>	7.29	7.10	6.81	6.87	4.66	---	8.7	8.1	---	8.5				
AVERAGE <u>3/</u>	7.21	7.00	6.74	6.49	---	---	8.6	---	---	8.3				
MOUNTAIN														
EASTERN COLORADO <u>42/</u>	6.91	6.60	6.43	6.16	4.61	4.66	9.1	8.5	8.5	8.9				
GREAT BASIN <u>43/</u>	6.86	6.67	5.88	5.84	4.64	4.49	9.4	8.1	8.1	8.7				
WESTERN COLORADO <u>44/</u>	6.86	6.55	6.41	5.97	4.71	4.66	9.1	8.5	8.5	8.9				
CENTRAL ARIZONA <u>45/</u>	7.13	6.92	6.60	6.61	4.84	4.59	9.4	8.1	8.1	9.1				
RIO GRANDE VALLEY <u>46/</u>	6.96	6.77	6.48	6.15	<u>47/4.58</u>	---	8.7	8.1	---	8.6				
AVERAGE <u>3/</u>	6.97	6.73	6.36	6.20	---	---	9.2	---	---	8.9				
PACIFIC														
PUGET SOUND <u>48/</u>	6.46	6.27	5.58	5.47	4.91	4.66	8.7	8.5	8.5	8.6				
INLAND EMPIRE <u>49/</u>	6.56	6.46	5.85	5.78	4.78	4.53	8.6	8.1	8.1	8.4				
OREGON - WASHINGTON <u>50/</u>	6.56	---	5.86	---	4.91	4.66	8.4	8.1	8.1	8.2				
AVERAGE <u>3/</u>	6.43	6.30	5.62	5.51	---	---	8.7	---	---	8.6				
58-MARKET AVERAGE <u>3/</u>	6.73	6.53	6.21	6.04	---	---	8.4	---	---	8.3				
ALL-MARKET AVERAGE	6.70	6.52	6.18	6.03	---	---	8.4	---	---	8.3				

* Major city in the marketing area. ** All averages are weighted.

1/ Boston nearby plant price. Prices at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. Previous year blend price includes 10 cents a hundredweight distributed to distant producers from the farm location differential escrow fund on May 21, 1970. 2/ Sept. 1970, blend price includes approximately 42.9 cents per hundredweight to nearby and intermediate producers.

3/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington. 4/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 24 cents less; Class II, 8 cents less. 5/ Philadelphia, Baltimore, and Washington, D.C. 6/ Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 7/ Bristol, Tennessee. 8/ Miami. 9/ Jacksonville and Tallahassee. 10/ Traverse City. 11/ Detroit. Price excludes an 8-cent direct delivery differential. 12/ Cleveland-Erie district. Class I and blend price for Pittsburgh district plus 10 cents. 13/ Central zone. 14/ Zone II (Marquette). 15/ Weighted average of all handlers' blend prices at all locations. 16/ Zone I. 17/ Indianapolis. 18/ Base zone. 19/ Peoria. 20/ Sioux Falls. 21/ Rapid City, South Dakota. 22/ Zone I (Waterloo). 23/ Weighted average of all handlers' blend prices. 24/ Rock Island, Illinois. 25/ Base zone (Fargo).

26/ Zone I (St. Louis). 27/ Kansas City and Topeka. 28/ Pittsburg, Kansas. 29/ Gulfport. Class I and blend price at Jackson and Greenville 16 cents less. 30/ Atlanta. 31/ Little Rock. 32/ Oklahoma City. 33/ Wichita Falls, Texas. 34/ Amarillo.

35/ Monroe and Shreveport. 36/ Zone I (Dallas). 37/ Abilene. Class II-A (cheddar cheese) \$4.10. 38/ Zone I-New Braunfels, Texas. 39/ Class II-A (cheddar cheese) \$4.10. 40/ Mercedes. 41/ Houston. 42/ Denver. 43/ Salt Lake City, Utah.

44/ Grand Junction. 45/ Phoenix. 46/ Albuquerque, Santa Fe, and El Paso. 47/ \$1.74 credit on Class II skim milk dumped or disposed of as livestock feed; \$1.34 credit on skim milk used to produce condensed skim milk and on milk or skim milk transferred or diverted as Class II milk to a nonpool plant outside the marketing area. 48/ District I (Seattle). 49/ Spokane, Washington. 50/ Portland.

TABLE 3.--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - SEPTEMBER, AVERAGES 1/

MARKETING AREA	CLASS I*			BLEND*		
	1970	1969	CHANGE 1970 OVER 1969	1970	1969	CHANGE 1970 OVER 1969
DOLLARS PER 100 POUNDS						
NEW ENGLAND						
MASSACHUSETTS-RI-NH	7.59	7.32	0.27	6.37	6.07	0.30
CONNECTICUT	7.59	7.32	.27	6.71	6.50	.21
AVERAGE 2/	7.59	7.32	.27	6.45	6.17	.28
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	7.25	6.98	.27	5.95	5.73	.22
MIDDLE ATLANTIC	7.40	7.13	.27	6.38	6.18	.20
AVERAGE 2/	7.30	7.03	.27	6.08	5.86	.22
SOUTH ATLANTIC						
APPALACHIAN	6.74	6.49	.25	6.41	6.22	.19
TAMPA BAY	7.41	7.26	.15	7.09	6.78	.31
SOUTHEASTERN FLORIDA	7.61	7.46	.15	7.43	7.20	.23
UPPER FLORIDA	7.31	7.16	.15	7.20	6.90	.30
AVERAGE 2/	7.31	7.14	.17	7.08	6.84	.24
EAST NORTH CENTRAL						
EASTERN GROUP						
UPSTATE MICHIGAN	6.10	5.85	.25	5.69	5.50	.19
SOUTHERN MICHIGAN	6.21	5.96	.25	5.63	5.38	.25
EASTERN OHIO-WESTERN PA.	6.48	6.23	.25	5.74	5.56	.18
OHIO VALLEY	6.27	6.09	.18	5.67	5.52	.15
AVERAGE 2/	6.32	6.09	.23	5.68	5.48	.20
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	5.96	5.71	.25	5.54	5.26	.28
CHICAGO REGIONAL	5.82	5.56	.26	5.21	5.00	.21
LSVILLE-LXGTON-EVNSVILLE	6.10	5.86	.24	5.50	5.29	.21
INDIANA	6.08	5.83	.25	5.49	5.29	.20
SOUTHERN ILLINOIS	6.14	5.89	.25	5.53	5.29	.24
CENTRAL ILLINOIS	6.00	5.75	.25	5.28	5.05	.23
AVERAGE 2/	5.94	5.68	.26	5.31	5.10	.21
WEST NORTH CENTRAL						
NORTHERN GROUP						
DULUTH - SUPERIOR	5.71	5.46	.25	4.95	4.72	.23
MINNEAPOLIS - ST. PAUL	5.67	5.42	.25	5.13	4.90	.23
EASTERN SOUTH DAKOTA	6.11	5.86	.25	5.42	5.31	.11
BLACK HILLS	6.56	6.71	.15-	5.42	4.79	.63
NORTH CENTRAL IOWA	5.86	5.61	.25	5.34	5.20	.14
CEDAR RAPIDS - IOWA CITY	5.91	5.66	.25	5.28	5.12	.16
QUAO CITIES - OUBUQUE	5.91	5.66	.25	5.31	5.04	.27
DES MOINES	6.06	5.81	.25	5.49	5.30	.19
NEBRASKA - WESTERN IOWA	6.21	5.96	.25	5.64	5.38	.26
MINNESOTA - NORTH DAKOTA	5.91	5.42	.49	5.02	4.77	.25
S.E. MINN.-NORTHERN IOWA	5.67	5.45	.22	5.09	4.94	.15
AVERAGE 2/	6.04	5.76	.28	5.35	5.12	.23

CONTINUED

TABLE 3.--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - SEPTEMBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I *			BLEND *		
	1970	1969	CHANGE 1970 OVER 1969	1970	1969	CHANGE 1970 OVER 1969
DOLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - OZARKS	6.21	5.96	0.25	5.51	5.31	0.20
KANSAS CITY	6.35	6.10	.25	5.65	5.47	.18
NECSHO VALLEY	6.26	6.01	.25	5.70	5.29	.41
WICHITA	6.41	6.16	.25	5.86	5.52	.34
AVERAGE 2/	6.28	6.04	.24	5.61	5.39	.22
EAST SOUTH CENTRAL						
PACUCAH						
NASHVILLE	6.19	5.96	.23	5.71	5.59	.12
MEMPHIS	6.55	6.30	.25	6.28	6.10	.18
KNOXVILLE	6.05	5.79	.26	5.65	5.34	.31
CHATTANOOGA	6.76	6.60	.16	6.14	5.97	.17
MISSISSIPPI	7.08	6.83	.25	6.12	5.95	.17
GEORGIA	6.91	6.77	.14	6.48	6.54	-.06-
AVERAGE 2/	6.58	6.30	.28	5.99	5.79	.20
WEST SOUTH CENTRAL						
NORTHERN GROUP						
CENTRAL ARKANSAS	6.55	6.30	.25	6.27	5.97	.30
FORT SMITH	6.56	6.31	.25	6.30	6.05	.25
OKLAHOMA METROPOLITAN	6.59	6.34	.25	5.80	5.65	.15
RED RIVER VALLEY	6.81	6.56	.25	5.65	5.55	.10
TEXAS PANHANDLE	6.86	6.61	.25	6.20	5.96	.24
LUBBOCK - PLAINVIEW	7.03	6.78	.25	6.70	6.38	.32
AVERAGE 2/	6.66	6.40	.26	5.94	5.78	.16
SOUTHERN GROUP						
NORTHERN LOUISIANA						
NEW ORLEANS	7.46	7.21	.25	6.36	6.01	.35
NORTH TEXAS	6.93	6.68	.25	6.26	5.94	.32
CENTRAL WEST TEXAS	7.18	6.93	.25	6.82	6.49	.33
AUSTIN - WACO	7.31	7.06	.25	7.01	6.75	.26
SAN ANTONIO	7.35	7.10	.25	6.91	6.04	.87
CORPUS CHRISTI	7.68	7.43	.25	6.79	6.96	-.17-
SOUTH TEXAS	7.29	7.04	.25	6.62	6.76	-.14-
AVERAGE 2/	7.20	6.94	.26	6.52	6.25	.27
MOUNTAIN						
EASTERN COLORADO						
GREAT BASIN	6.86	6.61	.25	5.70	5.55	.15
WESTERN COLORADO	6.84	6.50	.34	6.25	5.67	.58
CENTRAL ARIZONA	7.13	6.86	.27	6.45	6.14	.31
RIO GRANDE VALLEY	6.96	6.71	.25	6.14	5.94	.20
AVERAGE 2/	6.96	6.68	.28	6.16	5.89	.27
PACIFIC						
PUGET SOUND						
INLAND EMPIRE	6.46	6.21	.25	5.49	5.32	.17
OREGON - WASHINGTON	6.56	---	---	5.70	5.52	.18
AVERAGE 2/	6.56	---	---	5.75	---	---
AVERAGE 2/	6.48	6.22	.26	5.52	5.35	.17
58-MARKET AVERAGE 2/	6.72	6.46	.26	5.87	5.65	.22
ALL-MARKET AVERAGE	6.70	6.45	.25	5.85	5.64	.21

* All prices are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

TABLE 4.--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, SEPTEMBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	SEPT 1970	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969	SEPT 1970	SEPT 1969
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
MASSACHUSETTS-RI-NH	8,032	279-	295,259	293,127	0.7	3.69	3.69	1,225	1,176
CONNECTICUT	1,761	77-	91,371	92,513	1.2-	3.61	3.57	1,730	1,678
AVERAGE OR TOTAL 1/	9,793	356-	386,630	385,645	.2	3.67	3.66	1,316	1,267
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	26,282	1,936-	786,274	791,870	.7-	3.58	3.57	997	935
MIDDLE ATLANTIC	8,498	466-	370,853	372,794	.5-	3.56	3.58	1,455	1,386
AVERAGE OR TOTAL 1/	34,780	2,402-	1,157,127	1,164,664	.6-	3.57	3.57	1,109	1,044
SOUTH ATLANTIC									
APPALACHIAN	970	230	34,597	28,467	21.5	3.52	3.55	1,189	1,282
TAMPA BAY	111	12-	32,108	26,663	20.4	3.62	3.73	9,642	7,226
SOUTHEASTERN FLORIDA	88	2-	46,151	45,539	1.3	3.72	3.85	17,481	16,866
UPPER FLORIDA	198	12	40,240	34,710	15.9	3.63	3.76	6,774	6,220
AVERAGE OR TOTAL 1/	1,367	226	153,096	135,379	13.1	3.63	3.74	3,733	3,962
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	21	19-	772	1,322	41.6-	3.40	3.48	1,225	1,101
SOUTHERN MICHIGAN	8,592	580-	308,032	307,727	.1	3.54	3.52	1,195	1,118
EASTERN OHIO-WESTERN PA.	9,893	232-	268,440	269,172	.3-	3.63	3.63	904	866
OHIO VALLEY	8,509	44	237,168	224,781	5.5	3.56	3.59	929	885
AVERAGE OR TOTAL 1/	27,015	787-	814,412	803,002	1.4	3.58	3.58	1,005	963
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	348	20-	8,887	9,013	1.4-	3.71	3.66	851	816
CHICAGO REGIONAL	16,622	153-	557,810	537,967	3.7	3.65	3.62	1,119	1,069
LSVILLE-LXGTON-EVNSVILLE	2,885	132-	87,521	87,068	.5	3.57	3.61	1,011	962
INDIANA	4,314	509-	135,437	138,577	2.3-	3.61	3.64	1,046	958
SOUTHERN ILLINOIS	2,460	153-	70,729	64,436	9.8	3.58	3.58	958	822
CENTRAL ILLINOIS	632	95-	18,850	20,878	9.7-	3.61	3.62	994	957
AVERAGE OR TOTAL 1/	27,261	1,062-	879,234	857,939	2.5	3.63	3.62	1,075	1,010
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	645	15-	12,742	12,894	1.2-	3.74	3.71	658	651
MINNEAPOLIS - ST. PAUL	4,591	141	137,661	126,753	8.6	3.72	3.68	1,000	950
EASTERN SOUTH DAKOTA	394	6	14,746	13,392	10.4	3.46	3.48	1,251	1,150
BLACK HILLS	86	21	4,794	3,318	44.5	3.50	3.50	1,858	1,705
NORTH CENTRAL IOWA	534	1-	10,852	15,264	28.9-	3.67	3.62	1,020	1,039
CEDAR RAPIDS - IOWA CITY	394	53	9,962	8,351	19.3	3.61	3.58	985	947
QUAO CITIES - DUBUQUE	1,141	155	35,914	30,198	18.9	3.61	3.57	1,077	1,044
DES MOINES	1,204	6	33,003	33,719	2.1-	3.66	3.62	1,058	1,004
NEBRASKA - WESTERN IOWA	1,767	8-	69,883	62,791	11.3	3.60	3.52	1,316	1,179
MINNESOTA - NORTH DAKOTA	1,711	260	42,218	33,930	24.4	3.54	3.51	822	779
S.E. MINN.-NORTHERN IOWA	1,060	263	34,072	24,285	40.3	3.56	3.56	1,071	1,016
AVERAGE OR TOTAL 1/	7,876	477	234,154	213,857	9.5	3.60	3.56	991	963

CONTINUED

TABLE 4.--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, SEPTEMBER -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	SEPT 1970	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969	SEPT 1970	SEPT 1969
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	3,253	136-	114,274	110,798	3.1	3.55	3.58	1,171	1,090
KANSAS CITY	2,215	66	86,503	78,038	10.8	3.53	3.50	1,302	1,210
NEOSHO VALLEY	279	6-	7,746	8,115	4.5-	3.50	3.48	1,275	1,159
WICHITA	713	96-	28,504	32,036	11.0-	3.48	3.48	1,521	1,299
AVERAGE OR TOTAL 1/	6,460	172-	237,027	228,987	3.5	3.53	3.54	1,223	1,151
EAST SOUTH CENTRAL									
PAUCAH	341	5	9,779	10,409	6.0-	3.72	3.84	956	1,033
NASHVILLE	1,113	32-	42,755	40,502	5.6	3.63	3.65	1,280	1,179
MEMPHIS	739	17	30,851	26,951	14.5	3.52	3.58	1,640	1,544
KNOXVILLE	485	39-	16,066	17,007	5.5-	3.57	3.62	1,104	1,082
CHATTANOOGA	742	9-	32,738	30,806	6.3	3.68	3.79	1,471	1,367
MISSISSIPPI	982	6	37,091	33,944	9.3	3.78	3.90	1,351	1,159
GEORGIA	1,434	41-	94,975	88,701	7.1	3.64	3.70	2,208	2,005
AVERAGE OR TOTAL 1/	4,402	52-	169,280	159,619	6.0	3.65	3.73	1,282	1,194
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	697	14-	21,851	22,473	2.8-	3.53	3.54	1,571	1,402
FORT SMITH	138	3-	4,225	3,961	6.7	3.62	3.64	1,571	1,402
OKLAHOMA METROPOLITAN	1,812	236	64,714	52,692	22.8	3.50	3.49	1,190	1,114
RED RIVER VALLEY	499	125	23,706	16,856	40.6	3.48	3.47	1,584	1,502
TEXAS PANHANDLE	271	7-	8,016	9,476	15.4-	3.42	3.42	1,818	1,196
LUBBOCK - PLAINVIEW	249	48	6,442	6,463	.3-	3.51	3.54	2,445	2,210
AVERAGE OR TOTAL 1/	3,666	385	128,954	111,921	15.2	3.50	3.50	1,172	1,137
SOUTHERN GROUP									
NORTHERN LOUISIANA	271	16-	16,899	16,924	.1-	3.80	3.77	2,079	1,966
NEW ORLEANS	1,422	128	47,688	44,468	7.2	3.82	3.87	1,118	1,145
NORTH TEXAS	1,968	149-	92,493	106,798	13.4-	3.51	3.53	1,567	1,682
CENTRAL WEST TEXAS	245	6-	14,752	14,280	3.3	3.46	3.56	2,007	1,896
AUSTIN - WACO	192	50-	11,684	11,867	1.5-	3.48	3.44	2,528	2,126
SAN ANTONIO	295	176-	20,911	24,852	15.8-	3.39	3.46	3,112	2,944
CORPUS CHRISTI	294	124	15,299	13,015	17.5	3.83	3.91	2,278	2,626
SOUTH TEXAS	2,079	879	69,089	54,193	27.5	3.62	3.60	1,631	1,642
AVERAGE OR TOTAL 1/	6,766	734	288,815	286,397	.8	3.61	3.62	1,423	1,533
MOUNTAIN									
EASTERN COLORADO	1,190	132-	58,045	56,566	2.6	3.54	3.52	1,626	1,426
GREAT BASIN	881	27-	39,993	36,411	9.8	3.67	3.56	1,513	1,337
WESTERN COLORADO	52	10-	2,705	2,961	8.6-	3.71	3.64	1,734	1,592
CENTRAL ARIZONA	176	5-	47,046	43,964	7.0	3.42	3.40	8,910	7,464
RIO GRANDE VALLEY	374	43	28,972	29,619	2.2-	3.44	3.47	4,402	4,230
AVERAGE OR TOTAL 1/	2,673	131-	176,761	169,521	4.3	3.52	3.49	2,204	2,015
PACIFIC									
PUGET SOUND	1,764	92-	115,626	105,178	9.9	3.79	3.78	2,185	1,889
INLAND EMPIRE	455	24	21,577	16,737	28.9	3.86	3.75	1,581	1,294
OREGON - WASHINGTON	1,273	---	89,372	---	---	3.92	---	2,340	---
AVERAGE OR TOTAL 1/	2,219	68-	137,203	121,915	12.5	3.80	3.78	2,061	1,777
58-MARKET AVG. OR TOTAL 1/ 134,278									
ALL-MARKET AVG. OR TOTAL									
142,636 1,570- 5,118,773 4,878,590 4.9 3.61 3.60 1,196 1,128									

1/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

TABLE 5.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, SEPTEMBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	SEPT 1970	SEPT 1969	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969	SEPT 1970	CHANGE FROM SEPT 1969	SEPT 1970	SEPT 1969
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	PERCENT
NEW ENGLAND									
MASSACHUSETTS-RI-NH	161,165	185,559	2.4-	61	63	186,044	1.6-	159	155
CONNECTICUT	73,360	74,712	1.8-	80	81	77,117	.6-	118	119
AVERAGE OR TOTAL 1/	254,545	260,271	2.2-	66	67	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	451,881	470,527	4.0-	57	59	451,934	4.0-	174	168
MIDDLE ATLANTIC	245,318	253,352	3.2-	66	68	257,626	1.4-	144	143
AVERAGE OR TOTAL 1/	697,199	723,879	3.7-	60	62	---	---	---	---
SOUTH ATLANTIC									
APPALACHIAN	32,309	27,333	18.2	93	96	32,967	19.7	105	103
TAMPA BAY	30,676	25,001	22.7	96	94	34,699	20.6	92	93
SOUTHEASTERN FLORIDA	43,328	43,968	1.4-	94	96	45,461	3.1-	102	97
UPPER FLORIDA	38,658	33,550	15.2	96	97	50,172	20.4	80	83
AVERAGE OR TOTAL 1/	144,971	129,852	11.6	95	96	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	540	1,013	46.7-	70	77	2,950	8.6-	26	41
SOUTHERN MICHIGAN	204,526	204,755	.1-	66	66	206,070	.0	149	149
EASTERN OHIO-WESTERN PA.	189,653	195,212	2.8-	71	72	191,588	2.6-	140	137
OHIO VALLEY	175,661	172,311	1.9	74	77	187,253	3.4	127	124
AVERAGE OR TOTAL 1/	570,380	573,291	.5-	70	71	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	7,022	6,605	6.3	79	73	7,030	4.6	126	134
CHICAGO REGIONAL	284,499	304,419	6.5-	51	56	293,536	4.0-	190	176
LSVILLE-LXGTON-EVNSVILLE	66,389	69,053	3.8-	76	79	66,966	3.6-	131	125
INDIANA	101,809	106,350	4.3-	75	77	104,788	4.0-	129	127
SOUTHERN ILLINOIS	49,043	47,880	2.4	69	74	52,881	1.7	134	124
CENTRAL ILLINOIS	12,310	13,533	9.0-	65	65	15,202	6.4-	124	128
AVERAGE OR TOTAL 1/	521,072	547,840	4.9-	59	64	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
WISCONSIN - SUPERIOR	7,912	7,482	5.7	62	58	8,008	2.5	159	165
MINNEAPOLIS - ST. PAUL	78,133	73,819	5.8	57	58	78,173	5.8	176	172
EASTERN SOUTH DAKOTA	9,907	9,376	5.7	67	70	9,913	5.7	149	143
BLACK HILLS	2,272	1,636	38.9	47	49	2,309	41.0	208	203
NORTH CENTRAL IOWA	9,971	13,620	26.8-	92	89	11,065	19.5-	98	111
CEDAR RAPIDS - IOWA CITY	6,108	6,471	5.6-	61	77	6,122	5.7-	163	129
QUAD CITIES - OUBUQUE	24,417	20,001	22.1	68	66	24,540	22.2	146	150
DES MOINES	21,088	24,936	15.6-	64	74	22,297	17.7-	148	124
NEBRASKA - WESTERN IOWA	46,985	46,218	1.6	67	74	47,265	.8	148	134
MINNESOTA - NORTH DAKOTA	17,811	17,872	.3-	42	53	18,651	.3-	224	179
S.E. MINN.-NORTHERN IOWA	18,747	16,752	11.9	55	69	19,630	5.0	174	130
AVERAGE OR TOTAL 1/	146,471	147,662	.8-	62	69	---	---	---	---

CONTINUED

TABLE 5.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, SEPTEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I					GROSS CLASS I *		DELIVERIES AS % OF	
	SEPT 1970	SEPT 1969	CHANGE FROM SEPT 1969	% USED IN CL. I		SEPT 1970	CHANGE FROM SEPT 1969	GR. CL. I	
				SEPT 1970	SEPT 1969			SEPT 1970	SEPT 1969
	1,000 POUNDS		PERCENT	PERCENT		PERCENT	PERCENT		PERCENT
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	81,367	85,400	4.7-	71	77	85,400	2.2-	134	127
KANSAS CITY	54,690	56,299	2.8-	63	72	55,915	2.9-	155	136
NEOSHO VALLEY	5,088	5,480	7.2-	66	68	6,584	.1-	118	123
WICHITA	23,657	24,654	4.0-	83	77	24,719	3.9-	115	124
AVERAGE OR TOTAL 1/	164,802	171,833	4.1-	70	75	---	---	---	---
EAST SOUTH CENTRAL									
PAOUCAH	8,276	9,253	10.6-	85	89	8,388	12.9-	116	108
NASHVILLE	35,843	33,787	6.1	84	83	35,993	3.4	119	116
MEMPHIS	26,178	24,002	9.1	85	89	27,717	10.3	111	107
KNOXVILLE	13,520	12,720	6.3	84	75	13,713	5.3	117	130
CHATTANOUGA	26,443	23,589	12.1	81	76	26,910	9.0	122	125
MISSISSIPPI	32,075	29,140	10.1	86	86	34,937	11.8	106	109
GEORGIA	85,481	82,949	3.0	90	94	100,257	4.8	95	93
AVERAGE OR TOTAL 1/	142,335	132,491	7.4	84	83	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	20,499	20,387	.5	94	91	23,255	6.6	94	103
FORT SMITH	3,625	3,391	6.9	86	86	3,629	6.9	116	117
OKLAHOMA METROPOLITAN	44,874	42,682	5.1	69	81	46,156	5.8	140	121
RED RIVER VALLEY	11,715	10,397	12.7	49	62	12,454	10.9	190	150
TEXAS PANHANDLE	7,183	7,522	4.5-	90	79	7,445	2.6-	108	124
LUBBOCK - PLAINVIEW	6,053	5,854	2.9	94	91	6,176	1.4	104	106
AVERAGE OR TOTAL 1/	93,949	90,263	4.1	73	81	---	---	---	---
SOUTHERN GROUP									
NORTHERN LOUISIANA	15,937	16,256	2.0-	94	96	17,091	.1	99	99
NEW ORLEANS	35,367	31,883	10.9	74	72	35,568	10.7	134	138
NORTH TEXAS	73,730	83,404	11.6-	80	78	75,080	12.4-	123	124
CENTRAL WEST TEXAS	13,073	12,857	1.7	89	90	13,104	1.2	112	110
AUSTIN - WACO	11,019	11,329	2.7-	94	95	11,265	.9-	104	104
SAN ANTONIO	18,977	18,832	.8	91	76	26,254	1.4-	80	93
CORPUS CHRISTI	11,280	11,533	2.2-	74	89	12,834	1.5	119	103
SOUTH TEXAS	54,8	48,825	12.4	79	90	63,647	12.0	108	95
AVERAGE OR TOTAL 1/	234,	234,919	.3-	81	82	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	45,244	43,283	4.5	78	76	47,260	3.1	123	123
GREAT BASIN	23,960	24,416	1.9-	60	67	23,974	1.8-	167	149
WESTERN COLORADO	2,142	2,126	.8	79	72	2,213	1.6	122	136
CENTRAL ARIZONA	37,905	35,955	5.4	80	82	37,926	5.4	124	122
RIO GRANDE VALLEY	22,880	23,343	2.0-	79	79	24,107	1.1	120	124
AVERAGE OR TOTAL 1/	132,131	129,123	2.3	75	76	---	---	---	---
PACIFIC									
PUGET SOUND	54,911	57,345	4.2-	47	54	54,960	4.4-	210	183
INLAND EMPIRE	13,572	11,593	17.1	63	69	13,663	17.8	158	144
OREGON - WASHINGTON	53,952	---	---	60	---	57,009	---	157	---
AVERAGE OR TOTAL 1/	68,483	68,938	.7-	50	56	---	---	---	---
58-MARKET AVG. OR TOTAL 1/	3,170,577	3,210,362	1.2-	66	69	2/ 3,293,191	-.5	145	140
ALL-MARKET AVG. OR TOTAL	3,406,890	3,383,982	.7	66	69	2/ 3,548,260	1.5	144	140

* Preliminary.

1/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

2/ May include some duplication due to intermarket transfer.

TABLE 6.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - SEPTEMBER

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1970	1969	CHANGE 1970 OVER 1969	1970	1969	CHANGE 1970 OVER 1969	1970	1969
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
MASSACHUSETTS-RI-NH	2,770,149	2,719,680	1.8	1,593,590	1,590,009	.2	58	58
CONNECTICUT	873,328	878,090	.5-	640,894	660,980	3.0-	73	75
TOTAL 1/	3,643,477	3,597,770	1.3	2,234,484	2,250,989	.7-	61	62
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	7,953,101	7,941,184	.2	4,043,997	4,147,630	2.5-	51	52
MIDDLE ATLANTIC	3,389,244	3,302,119	2.6	2,165,404	2,191,331	1.2-	64	66
TOTAL 1/	11,342,345	11,243,303	.9	6,209,401	6,338,961	2.0-	55	56
SOUTH ATLANTIC								
APPALACHIAN	293,143	259,886	12.8	263,372	236,483	11.4	90	91
TAMPA BAY	289,950	264,945	9.4	250,109	220,719	13.3	86	83
SOUTHEASTERN FLORIDA	449,158	434,194	3.4	411,904	399,559	3.1	92	92
UPPER FLORIDA	361,837	343,664	5.3	339,356	313,492	8.2	94	91
TOTAL 1/	1,394,088	1,302,689	7.0	1,264,741	1,170,253	8.1	91	90
EAST NORTH CENTRAL								
EASTERN GROUP								
UPSTATE MICHIGAN	7,369	11,152	33.9-	5,312	8,706	39.0-	72	78
SOUTHERN MICHIGAN	2,785,090	2,718,960	2.4	1,795,558	1,769,755	1.4	64	65
EASTERN OHIO-WESTERN PA.	2,643,175	2,570,441	2.8	1,664,185	1,708,311	2.6-	63	66
OHIO VALLEY	2,134,866	2,070,869	3.1	1,506,236	1,499,637	.4	70	72
TOTAL 1/	7,570,500	7,371,422	2.7	4,971,291	4,986,409	.3-	66	68
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	83,614	83,441	.2	60,684	58,189	4.3	72	70
CHICAGO REGIONAL	5,792,508	5,462,700	6.0	2,548,963	2,678,521	4.8-	44	49
LSVILLE-LXGTON-EVNSVILLE	794,695	777,405	2.2	555,634	558,372	.5-	70	72
INDIANA	1,355,462	1,235,744	9.7	928,870	902,947	2.9	68	73
SOUTHERN ILLINOIS	667,483	662,592	.7	397,462	410,978	3.3-	60	62
CENTRAL ILLINOIS	199,036	198,553	.2	110,001	112,014	1.8-	55	56
TOTAL 1/	8,892,798	8,420,435	5.6	4,601,664	4,721,021	2.5-	52	56
WEST NORTH CENTRAL								
NORTHERN GROUP								
DULUTH - SUPERIOR	143,622	137,257	4.6	68,909	69,223	.4-	48	50
MINNEAPOLIS - ST.PAUL	1,505,631	1,329,995	13.2	619,253	587,053	5.5	41	44
EASTERN SOUTH DAKOTA	142,098	123,931	14.6	80,233	83,072	3.4-	56	67
BLACK HILLS	43,073	43,785	1.6-	19,375	13,866	39.7	45	32
NORTH CENTRAL IOWA	180,662	202,023	10.6-	115,558	150,463	23.2-	64	74
CEDAR RAPIDS - IOWA CITY	108,461	97,139	11.6	57,289	58,869	2.7-	53	61
QUAD CITIES - DUBUQUE	297,915	310,689	4.1-	160,968	167,357	3.8-	54	54
DES MOINES	360,505	329,103	9.5	216,662	213,481	1.5	60	65
NEBRASKA - WESTERN IOWA	630,914	576,097	9.5	404,787	402,129	.7	64	70
MINNESOTA - NORTH DAKOTA	493,924	409,415	20.6	146,108	153,358	4.7-	30	37
S.E. MINN.-NORTHERN IOWA	345,708	142,290	143.0	151,030	73,108	106.6	44	51
TOTAL 1/	2,401,174	2,229,439	7.7	1,269,689	1,311,818	3.2-	53	59

CONTINUED

TABLE 6.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
 JANUARY - SEPTEMBER -CON

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		
	1970	1969	CHANGE	1970	1969	CHANGE	1970	1969	
			1970 OVER 1969			1970 OVER 1969			
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT		
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	1,119,451	1,043,186	7.3	714,516	702,373	1.7	64	67	
KANSAS CITY	772,716	746,721	3.5	471,862	487,961	3.3-	61	65	
NEOSHO VALLEY	72,964	84,908	14.1-	48,582	48,269	.6	66	57	
WICHITA	270,215	307,448	12.1-	192,091	205,326	6.4-	71	67	
TOTAL 1/	2,235,346	2,182,263	2.4	1,427,041	1,443,929	1.2-	64	66	
EAST SOUTH CENTRAL									
PAUCAH									
NASHVILLE	98,875	90,079	9.8	73,018	73,198	.2-	74	81	
MEMPHIS	370,687	358,245	3.5	263,343	277,690	5.2-	71	78	
KNOXVILLE	251,280	234,268	7.3	213,745	206,425	3.5	85	88	
CHATTANOOGA	156,720	212,264	26.2-	114,911	147,470	22.1-	73	69	
MISSISSIPPI	286,459	216,263	32.4	205,810	156,921	31.2	72	72	
GEORGIA	413,941	358,384	15.5	272,135	248,775	9.4	66	69	
TOTAL 1/	902,407	513,718	75.7	731,856	462,603	58.2	81	90	
TOTAL 1/	1,577,962	1,469,503	7.4	1,142,962	1,110,479	2.9	72	76	
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	209,032	224,107	6.7-	178,361	185,751	4.0-	85	83	
FORT SMITH	34,850	33,586	3.8	30,440	29,274	4.0	87	87	
OKLAHOMA METROPOLITAN	582,920	536,592	8.6	365,053	363,937	.3	63	68	
REO RIVER VALLEY	207,184	160,997	28.7	101,713	89,309	13.9	49	55	
TEXAS PANHANDLE	80,202	90,670	2.7-	64,578	67,775	4.7-	73	75	
LUBBOCK - PLAINVIEW	56,207	58,920	4.6-	49,282	50,301	2.0-	88	85	
TOTAL 1/	1,178,395	1,104,872	6.6	789,427	786,347	.4	67	71	
SOUTHERN GROUP									
NORTHERN LOUISIANA	162,654	158,666	2.5	137,203	136,373	.6	84	86	
NEW ORLEANS	418,014	399,081	4.7	273,377	256,859	6.4	65	64	
NORTH TEXAS	911,278	960,159	5.1-	673,899	694,425	3.0-	74	72	
CENTRAL WEST TEXAS	128,190	133,631	4.1-	110,166	112,220	1.8-	86	94	
AUSTIN - WACO	107,358	113,633	5.5-	96,956	102,250	5.2-	90	90	
SAN ANTONIO	194,976	241,022	19.1-	166,988	161,709	3.3	86	67	
CORPUS CHRISTI	137,270	120,469	13.9	97,730	104,099	6.1-	71	86	
SOUTH TEXAS	628,291	467,503	34.4	454,128	413,434	9.8	72	88	
TOTAL 1/	2,688,031	2,594,164	3.6	2,010,447	1,981,369	1.5	75	76	
MOUNTAIN									
EASTERN COLORADO	539,926	538,672	.2	384,297	371,745	3.4	71	69	
GREAT BASIN	365,979	340,887	7.4	201,195	202,228	.5-	55	59	
WESTERN COLORADO	25,176	29,387	14.3-	18,607	18,292	1.7	74	62	
CENTRAL ARIZONA	430,204	408,493	5.3	328,117	312,644	4.9	76	76	
RIC GRANOE VALLEY	259,699	253,172	2.6	188,685	188,821	.1-	73	74	
TOTAL 1/	1,620,984	1,570,611	3.2	1,120,901	1,093,730	2.5	69	70	
PACIFIC									
PUGET SOUND	1,043,485	964,862	8.1	483,786	493,480	2.0-	46	51	
INLAND EMPIRE	190,793	153,501	24.3	110,398	99,428	11.0	58	65	
OREGON - WASHINGTON	800,329	---	---	464,816	---	---	58	---	
TOTAL 1/	1,234,283	1,118,363	10.4	594,184	592,908	.2	48	53	
58-MARKET TOTAL 1/	45,779,383	44,204,834	3.6	27,636,432	27,788,213	.5-	60	63	
ALL-MARKET TOTAL	49,333,458	46,190,837	6.8	29,603,387	28,910,977	2.4	60	62	

1/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansion. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

Table 7.--Federal milk order Class I formula price information, September 1970

Marketing area	Basic price 1/	Fluid diff.	Supply-demand	Other 2/	Class I price
Dollars per 100 pounds					
Massachusetts-R.I.-N.H.	3/7.31	---	---	+0.28	7.59
Connecticut	3/7.31	---	---	+ .28	7.59
New York-New Jersey	3/6.97	---	---	+ .28	7.25
Middle Atlantic	3/7.11	---	---	+ .28	7.39
Appalachian	4.61	2.13	---	---	6.74
Tampa Bay	4.61	2.75	---	---	7.36
Southeastern Florida	4.61	2.95	---	---	7.56
Upper Florida	4.61	2.65	---	---	7.26
Upstate Michigan	4.61	1.49	---	---	6.10
Southern Michigan	4.61	1.60	---	---	6.21
Eastern Ohio-Western Pa.	4.61	1.87	---	---	6.48
Ohio Valley	4.61	1.70	---	---	6.31
Michigan Upper Peninsula	4.61	1.35	---	---	5.96
Chicago Regional	4.61	1.26	---	---	5.87
Louisville-Lex.-Evans.	4.61	1.49	---	---	6.10
Indiana	4.61	1.47	---	---	6.08
Southern Illinois	: Uses the St. Louis-Ozarks Class I price less 7 cents				6.14
Central Illinois	4.61	1.39	---	---	6.00
Duluth-Superior	4.61	1.10	---	---	5.71
Minneapolis-St. Paul	4.61	1.06	---	---	5.67
Eastern South Dakota	4.61	1.50	---	---	6.11
Black Hills	4.61	1.95	---	---	6.56
North Central Iowa	4.61	1.25	---	---	5.86
Cedar Rapids-Iowa City	4.61	1.30	---	---	5.91
Quad Cities-Dubuque	4.61	1.30	---	---	5.91
Des Moines	4.61	1.45	---	---	6.06
Nebraska-Western Iowa	4.61	1.60	---	---	6.21
Minnesota-North Dakota	4.61	1.30	---	---	5.91
S.E. Minn.-Northern Iowa	4.61	1.06	---	---	5.67

Continued

Table 7.--Federal milk order Class I formula price information, September 1970 -Con.

Marketing area	Basic price <u>1/</u>	Fluid diff.	Supply-demand	Other <u>2/</u>	Class I price
<u>Dollars per 100 pounds</u>					
St. Louis-Ozarks	4.61	1.60	---	---	6.21
Kansas City	4.61	1.74	---	---	6.35
Neosho Valley	4.61	1.54	---	+ .11	6.26
Wichita	4.61	1.80	---	---	6.41
Paducah	:Uses the St. Louis-Ozarks Class I price plus 25¢				6.46
Nashville	4.61	1.58	---	---	6.19
Memphis	4.61	1.94	---	---	6.55
Knoxville	4.61	1.70	-0.08	---	6.23
Chattanooga	4.61	2.15	---	---	6.76
Mississippi	4.61	2.47	---	---	7.08
Georgia	4.61	2.30	---	---	6.91
Central Arkansas	4.61	1.94	---	---	6.55
Fort Smith	4.61	1.95	---	---	6.56
Oklahoma Metropolitan	4.61	1.98	---	---	6.59
Red River Valley	:Uses the Okla. Metrop. Class I price plus 22¢				6.81
Texas Panhandle	4.61	2.25	---	---	6.86
Lubbock-Plainview	:Uses the North Texas Class I price plus 10¢				7.03
Northern Louisiana	4.61	2.47	---	---	7.08
New Orleans	4.61	2.85	---	---	7.46
North Texas	4.61	2.32	---	---	6.93
Central West Texas	:Uses the North Texas Class I price plus 25¢				7.18
Austin-Waco	:Uses the North Texas Class I price plus 38¢				7.31
San Antonio	:Uses the North Texas Class I price plus 42¢				7.35
Corpus Christi	:Uses the North Texas Class I price plus 75¢				7.68
South Texas	4.61	2.68	---	---	7.29
Eastern Colorado	4.61	2.30	---	---	6.91
Great Basin	4.61	2.25	---	---	6.86
Western Colorado	:Uses the Eastern Colorado Class I price less 5¢				6.86
Central Arizona	4.61	2.52	*	---	7.13
Rio Grande Valley	4.61	2.35	---	---	6.96
Puget Sound	4.61	1.85	---	---	6.46
Inland Empire	4.61	1.95	---	---	6.56
Oregon-Washington	4.61	1.95	---	---	6.56

* Suspended.

1/ All markets based on Minnesota-Wisconsin price except where indicated.

2/ Other adjustments due to relation to other markets or amount by which Minnesota-Wisconsin price at 3.5% butterfat exceeds \$4.33.

3/ As specified in order.

TABLE 8--WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1970 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK 2/				SKIM MILK ITEMS 3/				MILK AND CREAM MIXTURES			
	AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969	
	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE
1,000 LB.	PERCENT			1,000 LB.	PERCENT			1,000 LB.	PERCENT			
NEW ENGLAND												
MASSACHUSETTS-RI-NH	4,813	3.51	- 1.7 -	2.0	615.6	1.12	11.3	20.2	18.7	11.3	- 5.9 -	1.4
CONNECTICUT	1,899	3.43	- 2.9 -	2.7	251.2	1.26	.6	11.2	21.0	10.4	- 5.9 -	7.9
MIDDLE ATLANTIC												
MIDDLE ATLANTIC 4/	5,482	3.44	- .7 -	1.8	740.7	1.65	6.5	6.3	68.2	11.6	- 6.4 -	5.2
SOUTH ATLANTIC												
APPALACHIAN	314	3.51	6.1	2.4	67.1	1.07	22.3	19.2	1.0	12.0	- 2.4 -	2.7
TAMPA BAY	831	3.51	5.6	6.5	137.7	1.09	- 6.0 -	.1	8.5	11.0	- 3.5 -	2.2
SOUTHEASTERN FLORIDA	1,246	3.65	5.3	4.2	235.1	1.06	5.3	6.5	23.9	10.6	6.3 -	1.1
UPPER FLORIDA	1,120	3.45	7.6	2.9	149.6	1.11	- 10.3 -	.2	6.7	11.3	13.8	5.8
EAST NCRTH CENTRAL												
EASTERN GROUP												
SOUTHERN MICHIGAN	4,478	3.48	- 4.9 -	4.8	1,130.7	1.29	9.1	17.7	82.8	10.6	- 10.7 -	9.0
E. OHIO - W. PA. 5/	4,674	3.50	- 5.7 -	3.9	957.0	1.54	2.3	4.6	55.3	10.9	- 12.7 -	10.1
OHIO VALLEY 4/	3,978	3.49	- 1.2 -	.2	1,130.9	1.55	9.8	10.0	40.7	11.0	- 10.1 -	8.9
WESTERN GROUP												
MICH. UPPER PENINSULA	234	3.48	- .1 -	.1	62.0	1.57	10.8	24.0	4.3	11.7	- 3.6 -	3.0
CHICAGO REGIONAL	5,828	3.38	- 7.7 -	7.2	1,833.0	1.63	7.5	8.9	139.8	11.7	- 12.5 -	12.0
LOUIS.-LEX.-EVANS	1,216	3.34	- 1.6 -	2.5	370.3	1.65	10.9	12.9	13.6	11.5	- 1.0 -	6.3
INDIANA	2,006	3.35	- 5.3 -	1.8	1,104.6	1.77	8.9	11.0	33.3	11.5	- 8.6 -	7.7
SOUTHERN ILLINOIS	918	3.20	- 7.1 -	5.2	441.6	1.85	4.7	5.1	18.9	11.2	- 11.8 -	10.4
CENTRAL ILLINOIS	293	3.23	- .7 -	7.8	142.4	1.64	11.6	9.4	7.1	10.9	- 8.0 -	5.7
WEST NCRTH CENTRAL												
NORTHERN GROUP												
DULUTH - SUPERIOR	114	3.35	- 9.0 -	8.7	64.5	1.56	8.9	13.0	2.4	11.8	- 7.4 -	7.2
MINNEAPOLIS - ST. PAUL 6/	978	3.27	- 7.5 -	8.0	924.3	1.59	10.9	10.0	28.6	10.6	- 2.2 -	4.1
EASTERN SOUTH DAKOTA	146	3.29	- 5.6 -	3.2	118.6	1.75	9.2	10.5	4.6	11.2	- 4.9 -	1.0
BLACK HILLS	58	3.31	- 3.6 -	4.9	30.5	1.81	13.0	13.0	1.3	12.4	- 4.9 -	6.4
NORTH CENTRAL IOWA	251	3.45	- 4.8 -	2.5	147.7	1.65	3.6	8.2	6.1	11.7	- 7.1 -	7.2
CEOAR RAPIOS-IOWA CITY	98	3.40	- 2.0 -	.2	54.4	1.26	4.8	7.4	2.2	11.6	- 13.6 -	5.4
QUAD CITIES - OUBUQUE	303	3.34	- 7.3 -	4.5	133.8	1.46	5.5	7.9	6.5	11.7	- 11.2 -	7.4
DES MOINES	321	3.63	- 8.1 -	6.0	186.1	1.62	14.7	13.1	8.2	12.7	- 11.6 -	10.1
NEBRASKA-WESTERN IOWA	858	3.31	- 3.8 -	3.6	357.2	1.59	8.7	9.8	21.0	11.0	- 10.2 -	9.2
MINNESOTA - N. DAKOTA	303	3.29	- 3.8 -	4.0	156.0	1.54	11.7	12.2	7.9	11.3	- 5.5 -	2.6

CONTINUED

TABLE 8.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1970 WITH COMPARISONS 1/ -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969	
	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE
1,000 LB.		PERCENT		1,000 LB.		PERCENT		
NEW ENGLAND								
MASSACHUSETTS-RI-NH	126.2	21.0	- 2.5	- 2.6	5,574	3.67	- 0.4	0
CONNECTICUT	23.8	24.4	- 13.5	- 10.8	2,194	3.47	- 2.5	- 1.3
MIDDLE ATLANTIC								
MIDDLE ATLANTIC 4/	48.1	21.1	3.0	- 22.7	6,339	3.45	0	- 1.1
SOUTH ATLANTIC								
APPALACHIAN	.4	22.1	15.8	13.1	382	3.12	8.6	4.9
TAMPA BAY	4.1	28.8	7.4	.9	931	3.34	3.8	5.4
SOUTHEASTERN FLORIDA	9.7	22.9	- 2.0	- 9.6	1,515	3.49	5.3	4.3
UPPER FLORIDA	2.7	25.6	- 19.0	- 13.6	1,279	3.27	5.1	2.5
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	41.0	19.3	- 4.9	- 1.7	5,733	3.26	- 2.5	- 1.2
E. OHIO - W. PA. 5/	36.5	19.2	- 4.5	- 4.2	5,723	3.34	- 4.5	- 2.7
OHIO VALLEY 4/	14.7	17.9	20.0	- 5.6	5,164	3.17	1.0	1.7
WESTERN GROUP								
MICH. UPPER PENINSULA	1.3	24.0	- 5.5	- 1.7	302	3.29	1.9	4.1
CHICAGO REGIONAL	56.9	19.8	- 4.3	- 5.6	7,858	3.24	- 4.6	- 4.1
LOUIS.-LEX.-EVANS	3.8	23.5	- 1.5	- 7.2	1,604	3.07	+ 1.1	.5
INDIANA	15.6	17.6	11.4	6.3	3,160	2.96	- .7	2.1
SOUTHERN ILLINOIS	5.2	19.0	4.8	2.4	1,384	2.94	- 3.6	- 2.3
CENTRAL ILLINOIS	2.6	15.2	17.7	29.5	445	2.91	2.9	- 2.8
WEST NORTH CENTRAL								
NORTHERN GROUP								
DULUTH - SUPERIOR	1.7	26.8	- 1.4	- 1.3	182	3.04	- 3.3	- 2.3
MINNEAPOLIS - ST. PAUL 6/	19.2	25.0	3.8	.9	1,950	2.80	.6	- .7
EASTERN SOUTH DAKOTA	1.7	24.3	.6	4.5	271	2.88	.4	2.1
BLACK HILLS	.7	23.1	35.9	31.1	90	3.09	1.7	.8
NORTH CENTRAL ICWA	1.2	24.0	- 4.5	- 5.4	405	2.98	- 1.9	.9
GEOR. RAPIDS-IOWA CITY	.6	21.5	0	7.0	155	2.83	.1	2.2
QUAO CITIES - OLBUQUE	1.7	20.9	7.3	3.4	445	2.96	- 3.8	- 1.2
OES MOINES	2.1	23.6	- 10.3	.3	518	3.13	- 1.1	- .4
NEBRASKA-WESTERN IOWA	5.7	21.3	- 7.9	- .2	1,242	3.03	- .7	- .3
MINNESOTA - N. DAKOTA	7.2	28.0	- .2	- 1.9	474	3.23	.9	.5

CONTINUED

TABLE 8.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1970 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK 2/				SKIM MILK ITEMS 3/				MILK AND CREAM MIXTURES			
	AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969	
	OAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	OAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	OAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
WEST NORTH CENTRAL -CON.												
SOUTHERN GROUP												
ST LOUIS - CZARKS	1,094	3.30	- 10.7	- 7.4	534.5	1.79	12.2	8.5	16.5	11.6	3.5	- 4.9
KANSAS CITY	946	3.31	- 4.0	- 3.1	392.4	1.66	3.1	5.5	17.1	11.1	- 13.1	- 10.4
NEOSHO VALLEY	163	3.34	- 4.0	- 2.1	45.8	1.61	8.7	10.2	2.9	11.6	- 11.0	- 12.0
WICHITA	337	3.27	- .7	- 5.0	129.2	1.69	- 12.5	- 2.6	7.5	11.0	- 10.1	- 11.1
EAST SOUTH CENTRAL												
PAOUCAH	185	3.41	2.6	2.5	32.7	1.34	- .4	1.2	1.0	11.9	4.5	16.3
NASHVILLE	758	3.49	4.6	2.2	157.0	.92	- .5	1.9	4.0	12.2	- 4.7	- 4.8
MEMPHIS	466	3.50	- 2.3	1.7	105.3	1.20	- .5	4.7	4.2	12.1	- 11.4	- 12.5
KNOXVILLE	366	3.70	- 3.1	- 6.7	172.2	1.47	20.5	22.8	1.9	12.0	2.2	- 6.9
CHATTANCOGA	350	3.83	- 3.6	.1	141.7	1.39	5.9	5.5	1.4	12.3	- 8.3	- 5.2
MISSISSIPPI 6/	766	3.80	2.9	2.4	148.7	1.55	4.8	8.1	5.8	12.0	6.5	.4
WEST SOUTH CENTRAL												
NORTHERN GROUP												
CENTRAL ARKANSAS	408	3.38	3.2	.3	84.7	1.48	6.3	6.4	3.5	12.0	16.0	.5
OKLAHOMA METROPOLITAN	814	3.35	6.6	.3	175.6	1.48	31.5	24.5	9.2	11.4	3.4	- 2.5
RED RIVER VALLEY	284	3.36	- 5.1	- 1.8	52.6	1.48	- 10.3	- 7.7	2.0	10.9	- 8.6	- 6.6
TEXAS PANHANDLE	193	3.33	2.4	- 1.5	34.6	1.61	- 3.5	- 1.0	2.1	11.5	- 9.0	- 4.7
LU88OCK - PLAINVIEW	167	3.37	2.3	- .5	30.9	1.65	- 7.0	- 10.4	1.5	11.3	- 12.7	- 7.9
SOUTHERN GROUP												
NORTHERN LOUISIANA	279	3.81	- 1.0	- .7	61.7	1.55	6.4	- 4.2	1.7	11.2	- 3.5	- 1.6
NEW ORLEANS	593	3.84	- 2.7	.1	100.6	1.61	1.4	9.3	6.2	12.1	- 5.7	- 4.8
NORTH TEXAS	1,574	3.35	3.6	1.8	447.5	1.46	- 4.7	- 4.1	17.3	11.3	- 7.4	- 5.7
CENTRAL WEST TEXAS	261	3.32	1.1	- 3.3	90.1	1.63	- 4.4	- 6.6	3.1	11.7	- 7.4	- 7.7
AUSTIN - WACO	394	3.36	2.7	- 1.0	87.3	1.20	- 2.4	1.6	3.7	12.0	- 1.3	- 3.5
SAN ANTONIO	477	3.37	- .8	- .2	44.7	1.04	- 1.4	- 4.8	3.4	11.2	- 6.7	- 7.8
CORPUS CHRISTI	317	3.46	3.6	.1	38.5	1.49	- 3.3	1.0	2.8	11.4	- 5.0	- 1.6
SOUTH TEXAS	1,333	3.64	2.9	2.8	468.0	1.68	1.5	2.6	10.7	11.0	- 20.9	- 10.1
MOUNTAIN												
EASTERN CCLCRAOD	915	3.34	- 3.4	- 1.9	377.8	1.70	15.2	19.6	18.7	12.0	- 6.3	- 4.4
GREAT BASIN	392	3.40	- 9.2	- 9.6	313.3	1.80	4.8	3.3	6.5	12.9	- 2.3	- 4.7
CENTRAL ARIZONA	794	3.47	4.3	11.0	215.3	1.32	- 2.5	- 14.5	10.5	10.9	2.8	1.7
RIO GRANDE VALLEY	728	3.50	- 2.1	- .2	110.7	1.64	1.7	9.5	7.9	11.9	- 10.9	- 7.5
PACIFIC												
PUGET SOUND	961	3.50	- 9.0	- 7.1	631.5	1.81	8.5	12.4	23.9	11.8	- 5.6	- 5.4
INLAND EMPIRE	164	3.53	3.7	- .9	142.6	1.87	7.1	10.4	5.3	11.6	2.7	- .3
COMBINED AREAS (55)	59,238	3.45	- 2.6	- 2.4	16,909.7	1.56	6.6	8.6	834.9	11.3	- 7.8	- 7.2
NEW YCRK-NEW JERSEY 7/	---	---	---	---	---	---	---	---	---	---	---	---

CONTINUED

TABLE 8--WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLO IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1970 WITH COMPARISONS 1/ -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	AUGUST 1970		CHANGE 1970 FROM 1969		AUGUST 1970		CHANGE 1970 FROM 1969	
	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT	
WEST NORTH CENTRAL -CONT.								
SOUTHERN GROUP								
ST LOUIS - CZARKS	8.8	18.8	- 19.1	14.3	1,654	2.97	- 4.3	- 3.0
KANSAS CITY	6.3	22.8	3.2	- .6	1,362	3.02	- 2.1	- 1.0
NEOSHO VALLEY	.6	22.7	.2	7.3	212	3.13	- 1.6	.2
WICHITA	2.2	23.1	7.8	7.8	476	3.06	- 4.3	- 4.4
EAST SOUTH CENTRAL								
PAUCAH	.7	22.2	13.8	15.3	219	3.20	2.2	2.4
NASHVILLE	1.9	26.2	.3	.3	921	3.14	3.7	2.1
MEMPHIS	2.5	23.7	- 11.5	- 5.2	578	3.23	- 2.0	2.0
KNOXVILLE	.9	23.2	- 4.7	1.1	541	3.05	3.3	.5
CHATTANOOGA	1.0	26.4	1.4	.3	494	3.20	- 1.1	1.5
MISSISSIPPI 6/	2.7	23.9	20.3	8.0	924	3.55	3.3	3.3
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS	1.8	23.8	62.5	48.3	498	3.19	4.0	1.4
OKLAHOMA METROPOLITAN	3.2	22.4	10.3	1.0	1,002	3.16	10.3	3.8
RED RIVER VALLEY	1.6	20.2	77.2	39.1	340	3.20	- 5.8	- 2.7
TEXAS PANHANDLE	1.1	26.7	4.3	- 8.1	231	3.25	1.3	- 1.1
LUBBOCK - PLAINVIEW	1.0	29.4	- 12.8	- 14.9	201	3.29	.5	- 2.4
SOUTHERN GROUP								
NORTHERN LOUISIANA	1.1	24.4	- 15.6	- .7	343	3.51	.2	.1
NEW ORLEANS	1.8	23.1	4.8	1.5	701	3.64	- 2.1	1.3
NORTH TEXAS	12.3	24.6	8.2	2.2	2,051	3.14	1.6	.3
CENTRAL WEST TEXAS	1.5	27.3	2.3	- 4.4	356	3.07	- .5	- 4.2
AUSTIN - WACO	1.6	26.9	9.6	5.1	487	3.11	1.8	- .5
SAN ANTONIO	1.5	21.0	17.7	- 14.7	527	3.27	- .9	- .7
CORPUS CHRISTI	1.1	22.8	10.9	3.6	359	3.37	2.8	.2
SOUTH TEXAS	3.7	24.5	- 5.1	- 16.9	1,815	3.22	2.3	2.6
MOUNTAIN								
EASTERN COLCRAOD	10.6	22.1	45.7	10.5	1,322	3.14	1.5	3.3
GREAT BASIN	5.4	28.8	2.2	- 6.7	717	2.98	- 3.4	- 4.7
CENTRAL ARIZONA	5.5	21.8	3.7	11.7	1,026	3.19	2.8	4.6
RIO GRANDE VALLEY	3.7	23.5	6.4	5.9	850	3.42	- 1.6	.9
PACIFIC								
PUGET SOUND	12.7	27.2	1.0	1.0	1,629	3.15	- 2.8	- .6
INLAND EMPIRE	2.5	27.5	8.5	8.3	314	3.11	5.3	4.0
COMBINED AREAS (55)	535.8	21.6	- .4	- 3.7	77,518	3.25	- .8	- .4
NEW YORK-NEW JERSEY 7/	---	---	---	---	13,856	---	- 3.5	- 2.0

1/ Sales routes of handlers may extend outside defined marketing areas. In some cases, such handler in-area sales are partially estimated.

2/ Plain, flavored, and fluid equivalent of concentrated.

3/ Plain, fortified, and flavored skim and part skim milk, buttermilk and cultured specialties.

4/ Sales represent the area after the merger and expansion of Delaware Valley, Upper Chesapeake Bay, and Washington, D.C., August 1, 1970; and Tri-State, Cincinnati, Columbus, Miami Valley, and Northwestern Ohio, August 1, 1970.

5/ Sales represent the area after the 1969 amendment. (The May 1, 1969 amendment merged the Eastern Ohio-Western Pennsylvania and Clarksburg markets.)

6/ Sales for marketing area as defined after the 1969 amendment.

7/ Small amount of sales estimated.

Table 9.--Daily average sales of individual fluid milk products, selected Federal order markets, January 1970 to date, with comparisons 1/

Item	January			February			March			April		
	Daily average	Change from 1969	Percent	Daily average	Change from 1969	Percent	Daily average	Change from 1969	Percent	Daily average	Change from 1969	Percent
	1,000 lb.			1,000 lb.			1,000 lb.			1,000 lb.		
Whole milk 2/	67,113.4	- 2.0	- 2.5	65,247.9	- 3.2	- 2.5	63,217.5	- 4.0	- 3.1	64,124.3	- 1.6	- 2.7
Flavored whole milk	2,617.9	+ .3	+ 1.1	2,794.3	+ 1.9	+ 1.1	2,498.7	- 4.4	- .8	2,780.6	+ 8.8	+ 1.6
Total whole milk items	69,731.4	- 1.9	- 2.4	68,042.2	- 3.0	- 2.4	65,716.3	- 4.1	- 3.0	66,904.9	- 1.2	- 2.5
Lowfat (2%) milk												
Plain	2,738.5	+19.7	+19.8	2,773.9	+20.0	+19.8	2,782.4	+21.4	+20.3	2,997.4	+30.4	+23.0
Solids added	9,077.6	+18.9	+15.9	8,754.4	+12.6	+15.9	8,564.9	+ 8.5	+13.3	8,820.5	+11.9	+12.9
Skim milk												
Plain	973.2	- .5	- 1.8	974.9	- 3.2	- 1.8	946.7	- 5.0	- 2.9	963.2	- 4.2	- 3.2
Solids added	2,773.0	+10.8	+ 9.3	2,800.5	+ 7.7	+ 9.3	2,821.4	+ 7.8	+ 8.8	2,656.5	- 1.7	+ 6.1
Buttermilk	1,697.0	- 2.6	- 2.3	1,688.0	- 2.1	- 2.3	1,691.8	- 2.7	- 2.5	1,731.6	0	- 1.9
Yogurt	86.5	+69.2	+57.5	111.6	+48.7	+57.5	113.1	+33.5	+47.5	134.0	+39.7	+45.1
Flavored milk drinks	729.8	- 5.6	- 6.0	723.3	- 6.5	- 6.0	731.3	- 4.7	- 5.6	758.3	+ 1.1	- 4.0
Total skim and lowfat milk items	18,075.5	+13.2	+11.5	17,826.6	+ 9.6	+11.5	17,651.5	+ 7.7	+10.2	18,061.6	+ 9.7	+10.0
Milk and cream mixtures	908.9	- 5.8	- 7.0	904.2	- 8.3	- 7.0	892.8	- 7.6	- 7.2	890.2	- 7.2	- 7.4
Light cream	149.2	-15.2	-15.8	148.1	-16.5	-15.8	147.0	-15.5	-15.7	144.5	-17.4	-16.1
Heavy cream	118.4	- 6.3	- 7.0	129.2	- 7.6	- 7.0	153.0	+ 8.1	- 1.6	136.3	-15.5	- 5.5
Sour cream	249.2	+ 5.9	+ 2.6	246.4	- 1.0	+ 2.6	266.0	+ 8.3	+ 4.6	249.2	+ 1.0	+ 3.7
Total cream items	516.8	- 3.9	- 5.6	523.7	- 7.5	- 5.6	566.1	+ .9	- 3.4	530.0	- 9.1	- 4.8
Total fluid milk and cream	89,234.7	+ .8	+ .1	87,297.4	- .7	+ .1	84,846.4	- 1.8	- .6	86,387.2	+ .8	- .3

Table 9.--Daily average sales of individual fluid milk products, selected Federal order markets, January 1970 to date, with comparisons ^{1/} -Con.

Item	May			June			July			August		
	Change 1970 from 1969		Daily average	Change 1970 from 1969		Daily average	Change 1970 from 1969		Daily average	Change 1970 from 1969		Daily average
	Percent	to date		Percent	to date		Percent	to date		Percent	to date	
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
Whole milk ^{2/}	60,657.5	- 5.8 : - 3.3	58,299.6	+ 0.7 : - 2.7	57,613.0	- 0.9 : - 2.5	57,700.7	- 2.7 : - 2.5	57,700.7	- 2.7 : - 2.5	57,700.7	- 2.7 : - 2.5
Flavored whole milk	2,515.6	- .6 : + 1.2	1,532.6	+ .5 : + 1.2	1,355.7	- 3.2 : + .8	1,537.1	+ 2.3 : + 1.0	1,537.1	+ 2.3 : + 1.0	1,537.1	+ 2.3 : + 1.0
Total whole milk items	63,173.1	- 5.6 : - 3.2	59,832.3	+ .6 : - 2.6	58,968.7	- .9 : - 2.4	59,237.8	- 2.6 : - 2.4	59,237.8	- 2.6 : - 2.4	59,237.8	- 2.6 : - 2.4
Lowfat (2%) milk												
Plain	2,742.0	+21.7 : +22.7	2,778.9	+24.5 : +23.0	2,802.9	+20.8 : +22.7	2,831.4	+25.2 : +23.3	2,831.4	+25.2 : +23.3	2,831.4	+25.2 : +23.3
Solids added	8,342.5	+ 5.2 : +11.3	8,466.7	+14.3 : +11.8	8,223.9	+11.5 : +11.8	8,218.5	+ 7.0 : +11.0	8,218.5	+ 7.0 : +11.0	8,218.5	+ 7.0 : +11.0
Skim milk												
Plain	917.6	- 3.6 : - 3.3	886.2	+ 8.9 : - 1.6	826.3	- 2.4 : - 1.7	824.5	- 1.6 : - 1.4	824.5	- 1.6 : - 1.4	824.5	- 1.6 : - 1.4
Solids added	2,602.8	- 5.6 : + 3.6	2,493.7	- 3.9 : + 2.3	2,460.6	- .5 : + 1.9	2,482.4	+ .2 : + 1.7	2,482.4	+ .2 : + 1.7	2,482.4	+ .2 : + 1.7
Buttermilk	1,717.8	- 3.5 : - 2.2	1,754.1	+ 1.1 : - 1.6	1,727.0	- 1.9 : - 1.6	1,710.8	- 2.1 : - 1.7	1,710.8	- 2.1 : - 1.7	1,710.8	- 2.1 : - 1.7
Yogurt	120.9	+15.0 : +37.2	113.0	+13.8 : +32.7	101.1	+13.4 : +29.8	738.7	- 3.4 : +27.0	738.7	- 3.4 : +27.0	738.7	- 3.4 : +27.0
Flavored milk drinks	705.2	- 5.2 : - 4.2	735.0	+ .2 : - 3.5	732.7	- 1.7 : - 3.2	103.5	+13.7 : - 3.3	103.5	+13.7 : - 3.3	103.5	+13.7 : - 3.3
Total skim and lowfat milk items	17,148.9	+ 3.8 : + 8.7	17,227.6	+10.3 : + 9.0	16,874.5	+ 8.1 : + 8.9	16,909.7	+ 6.6 : + 8.6	16,909.7	+ 6.6 : + 8.6	16,909.7	+ 6.6 : + 8.6
Milk and cream mixtures	870.7	-10.3 : - 8.0	898.7	- 2.9 : - 7.1	845.4	- 6.4 : - 7.0	834.9	- 7.8 : - 7.2	834.9	- 7.8 : - 7.2	834.9	- 7.8 : - 7.2
Light cream	142.8	-19.4 : -16.8	146.2	-10.0 : -15.7	135.4	-13.4 : -15.4	142.5	-10.7 : -14.9	142.5	-10.7 : -14.9	142.5	-10.7 : -14.9
Heavy cream	149.1	-12.2 : - 7.1	154.7	- 1.9 : - 5.5	138.2	+ 1.8 : - 4.5	122.6	- 2.3 : - 4.3	122.6	- 2.3 : - 4.3	122.6	- 2.3 : - 4.3
Sour cream	244.9	- 2.8 : + 2.3	276.1	+ 9.2 : + 3.5	260.5	+ 5.5 : - 3.8	270.7	+ 7.0 : + 4.2	270.7	+ 7.0 : + 4.2	270.7	+ 7.0 : + 4.2
Total cream items	536.8	-10.4 : - 6.0	577.1	+ 1.8 : - 4.7	534.1	- .9 : - 4.2	535.8	- .4 : - 3.7	535.8	- .4 : - 3.7	535.8	- .4 : - 3.7
Total fluid milk and cream	81,730.2	- 3.9 : - 1.0	78,536.0	+ 2.6 : - .4	77,223.2	+ .9 : - .3	77,518.5	- .8 : - .4	77,518.5	- .8 : - .4	77,518.5	- .8 : - .4

^{1/} See table 8 for markets included.
^{2/} Includes whole milk equivalent of concentrated milk.

Table 10.--Percentage of whole milk equivalent used in the production of manufactured dairy products, selected marketing areas defined by Federal milk orders, January 1970 to date, with comparisons ^{1/}

Manufactured dairy products	January		February		March		April		May		June	
	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969
	<u>Percent</u>											
Butter	44.6	45.9	43.5	43.7	41.0	42.5	42.8	41.2	41.2	41.2	40.5	38.7
Cheese	16.2	11.9	17.1	12.6	18.0	14.0	18.8	15.5	15.5	19.8	16.5	17.0
Frozen desserts and condensed whole milk	28.5	31.8	28.7	32.9	29.4	32.2	28.3	32.2	28.0	28.0	31.4	31.5
Cottage cheese	4.7	4.5	5.0	4.9	4.8	5.0	4.6	4.6	4.3	4.3	4.3	4.4
Other factory products ^{2/}	6.0	5.9	5.7	5.9	6.8	6.3	5.5	6.5	6.7	7.3	7.3	7.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969
	<u>Percent</u>											
Butter	33.8	32.0	33.1	30.3								
Cheese	19.4	14.9	17.3	15.2								
Frozen desserts and condensed whole milk	36.9	41.9	38.5	42.1								
Cottage cheese	4.5	4.7	4.9	4.9								
Other factory products ^{2/}	5.4	6.5	6.2	7.5								
Total	100.0	100.0	100.0	100.0								

^{1/} Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonpool plants for processing. Some of the data are partially estimated. See table 8 for markets included.

^{2/} Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

Table 11.--Federal order base and excess prices for milk of 3.5 percent butterfat content, September

Marketing area	Base price		Excess price		Marketing area	Base price		Excess price	
	September		September			September		September	
	1970	1969	1970	1969		1970	1969	1970	1969
	Dollars per 100 lb.					Dollars per 100 lb.			
Appalachian					Memphis				
Central Arkansas					Nashville				
Chattanooga					New Orleans				
Fort Smith					Oregon-Washington	6.02	---	4.66	---
Georgia	6.84	---	4.66	---	Puget Sound 2/	6.31	6.11	4.75	4.46
Kansas City					Southern Michigan	5.81	5.60	4.66	4.34

1/ See footnotes on table 2 for location at which price is reported.

2/ Class I base plan.

Table 12.--Seasonal incentive fund included under various Federal milk orders, September

Marketing area	September		Marketing area	September	
	1970	1969		1970	1969
	Dol per 100 lb.			Dol. per 100 lb.	
Central Arkansas	---	0.20	Massachusetts-R.I.-N.H.	0.31	0.30
Central Illinois	0.27	.24	Nebraska-Western Iowa		.47
Connecticut	.43	.43	New York-New Jersey	.33	.33
Eastern South Dakota	.23	.22	Ohio Valley	.26	.26
Indiana	.35	.31	Paducah		
Inland Empire			St. Louis-Ozarks	.25	.24
Louisville-Lexington			Southern Illinois	.24	.26
Evansville	.42	.42			

Table 13.--Filled and imitation milk sales in Federal milk order markets, January 1970 to date, with comparisons 1/

Month	1969		1970	
	Markets	Volume	Markets	Volume
	Number	1,000 lb.	Number	1,000 lb.
January	23	5,743	18	3,425
February	22	5,240	19	2,913
March	22	5,789	19	3,356
April	22	5,377	18	3,233
May	21	5,321	17	3,025
June	22	4,414	18	2,859
July	23	4,213	19	2,833
August	18	3,889	18	2,756
September	20	3,814	15	2,774
October	20	3,824		
November	19	3,365		
December	19	3,323		

1/ The survey information reported here may not reflect all sales of filled and imitation milks in all order markets.

Table 14.--Dairy product prices and manufacturing milk prices used in Federal milk order pricing formulas, January 1970 to date with comparisons

Dairy product market prices													
Month	Chicago			New York			CHEDDAR, CHEESE, SPRAY			NONFAT DRY MILK, SPRAY			
	92-Score	93(92)-Score	Change	92-Score	92-Score 1/	Change	93-Score	Change	Wis. primary markets	Chicago area plant 2/	Change	1970	1969
	from 1970	from 1969	from 1970	from 1970	from 1969	from 1970	from 1969	from 1970	from 1969	from 1970	from 1969	from 1970	from 1969
	Cents per pound												
January	+1.20	67.61	+1.20	68.58	+1.17	68.86	+0.50	69.07	+1.34	55.81	+7.29	23.00	+0.05
February	+1.21	67.60	+1.21	68.70	+1.36	68.61	+1.24	69.19	+1.64	55.07	+6.94	23.15	+ .21
March	+1.56	67.95	+1.55	68.82	+1.51	68.72	+1.44	69.34	+1.76	53.61	+4.05	23.18	+ .14
April	+2.24	69.83	+2.22	70.73	+2.44	69.87	+2.09	70.76	+2.28	53.28	+2.47	25.96	+2.95
May	+2.21	69.85	+2.21	70.75	+2.34	70.75	+2.34	70.75	+2.00	53.18	+1.96	26.84	+3.81
June	+2.17	69.81	+2.17	70.74	+2.29	70.74	+2.35	70.75	+2.00	53.25	+1.75	26.77	+3.79
July	+2.16	69.80	+2.16	70.75	+2.12	70.75	+2.24	70.80	+1.95	53.25	+1.75	27.02	+4.06
August	+2.00	69.80	+1.89	70.85	+2.05	70.79	+2.00	71.02	+1.85	53.25	+1.75	26.85	+3.84
September	+ .67	70.53	+ .40	71.32	+ .94	70.93	+2.04	71.62	+ .86	53.68	+1.33	26.86	+3.91
October													
November													
December													

Prices paid for manufacturing grade milk, 3.5% butterfat content												
Month	U. S. manufacturing plants 3/			Minn.-Wis. Manuf. grade milk 4/			Butter-powder "Snubber" 5/			Local plants as listed in Appalachian		
	Change	1970	from 1969	Change	1970	from 1969	Change	1970	from 1969	Change	1970	from 1969
	Dollars per 100 lb. f.o.b. plant											
January	+0.37	4.53	+0.37	4.67	+0.40	4.25	+0.06	3.81	+0.16			
February	+ .38	4.54	+ .38	4.63	+ .40	4.26	+ .07	3.76	+ .11			
March	+ .35	4.53	+ .35	4.58	+ .30	4.27	+ .07	3.71	+ .06			
April	+ .26	4.48	+ .26	4.60	+ .26	4.58	+ .33	3.67	+ .03			
May	+ .28	4.50	+ .28	4.58	+ .21	4.65	+ .40	3.65	+ .01			
June	+ .22	4.49	+ .22	4.61	+ .22	4.65	+ .40	3.65	+ .01			
July	+ .23	4.51	+ .23	4.60	+ .19	4.67	+ .43	3.65	0			
August	+ .21	4.50	+ .21	4.61	+ .19	4.65	+ .40	3.65	+ .01			
September	+ .20	4.54	+ .20	4.66	+ .17	4.68	+ .34	3.64	+ .03			
October												
November												
December												

1/ 16th of preceding month through 15th of current month. 2/ 26th of preceding month through 25th of current month. 3/ 3.5 percent price converted by using Chicago 92-score butter price times 0.115. 4/ 3.5 percent price converted by using Chicago 92-score butter price times 0.120. 5/ Chicago 92-score butter price times 4.2 plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 15.--U.S. milk prices, 3.5 percent butterfat basis 1/, January 1970 to date, with comparisons*

Month	All milk wholesale <u>2/</u>		Milk eligible for fluid market <u>2/</u>		Paid by dealers for milk used in fluid products <u>3/</u>		Manufacturing grade milk <u>2/</u>		Paid farmers for milk used in:					
	1970*	Change from 1969**	1970*	Change from 1969**	1970*	Change from 1969**	1970*	Change from 1969**	Butter <u>4/</u>		American cheese <u>4/</u>		Evaporated milk <u>5/</u>	
									1970*	Change from 1969**	1970*	Change from 1969**	1970*	Change from 1969**
	Dollars per 100 pounds													
Jan.	5.57	+0.29	5.97	+0.23	6.91	+0.29	4.52	+0.37	4.44	+0.26	4.65	+0.49	4.30	+0.26
Feb.	5.53	+ .26	5.94	+ .22	6.93	+ .31	4.54	+ .39	4.44	+ .26	4.60	+ .43	4.31	+ .24
Mar.	5.43	+ .25	5.83	+ .20	6.89	+ .26	4.52	+ .35	4.43	+ .24	4.56	+ .31	4.31	+ .21
Apr.	5.35	+ .25	5.71	+ .21	6.88	+ .26	4.48	+ .27	4.46	+ .23	4.47	+ .22	4.32	+ .22
May	5.34	+ .28	5.72	+ .26	6.89	+ .24	4.49	+ .28	4.49	+ .24	4.48	+ .22	4.30	+ .18
June	5.26	+ .22	5.61	+ .17	6.88	+ .23	4.49	+ .23	4.46	+ .19	4.48	+ .19	4.27	+ .13
July	5.42	+ .26	5.80	+ .21	6.90	+ .23	4.51	+ .23	4.46	+ .19	4.48	+ .19	4.26	+ .14
Aug.	5.55	+ .24	5.95	+ .18	6.90	+ .19	4.50	+ .22	4.49	+ .22	4.49	+ .18	4.26	+ .15
Sept.	5.70	+ .25	6.09	+ .20	6.92	+ .15	4.53	+ .20	4.54	+ .22	4.53	+ .13	4.23	+ .12
Oct.	5.78	+ .19	6.16	+ .15	6.98	+ .18	4.59	+ .19						
Nov.														
Dec.														
Av.														

* Preliminary. ** Based on partially revised data.

1/ Converted by using Chicago 92-score butter times 0.120.

2/ "Agricultural Prices," SRS.

3/ 3.5% price as reported in the "Fluid Milk and Cream Report," SRS.

4/ "Milk Prices Paid by Creameries and Cheese Plants," SRS.

5/ "Evaporated, Condensed and Dry Milk," SRS.

Table 16.--Retail prices paid by consumers for dairy products, United States, January 1970 to date, with comparisons

Month	Milk				Ice cream		Cheese		Butter	
	25-city average ^{1/}				(prepackaged) ^{2/}		American process ^{2/}			
	At stores		Delivered							
	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969
	Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
January	56.9	53.9	64.1	61.0	83.4	81.2	49.0	45.4	85.9	84.3
February	57.0	53.9	64.2	61.1	83.2	81.2	49.5	45.7	85.6	84.2
March	57.0	54.1	64.5	61.0	83.6	80.8	50.0	45.6	85.5	84.1
April	57.1	54.1	64.7	61.2	83.6	79.3	50.3	46.0	86.0	84.1
May	57.1	53.9	64.8	61.3	84.1	80.7	50.3	46.8	86.6	84.4
June	57.1	54.1	64.9	61.3	84.5	81.5	50.3	46.9	86.7	84.3
July	57.3	54.8	64.7	61.9	85.0	80.8	50.5	47.3	86.9	84.4
August	57.2	54.7	65.0	62.1	85.4	81.2	50.6	47.5	87.0	84.4
September	57.5	54.9	64.8	62.7	85.3	81.7	50.5	47.7	86.9	84.6
October	58.0	54.6	65.0	62.9						
November										
December										

^{1/} "Fluid Milk and Cream Report," SRS. Prices are the latest reported to the 10th of each month. Grade and kind of container may differ by markets.

^{2/} "Retail Food Prices," BLS.

Table 17.--Prevailing prices paid by consumers for the most common grade of whole milk, 25 cities, October 1970, with comparisons, ^{1/}

Market	Prices at stores				Prices delivered to homes			
	Oct. 1968	Oct. 1969	Sept. 1970	Oct. 1970	Oct. 1968	Oct. 1969	Sept. 1970	Oct. 1970
	Cents per half-gallon							
Boston, Mass.	49-54	53-56	55-58	55-58	60-65	66-72	66-72	66-72
Hartford, Conn.	54	56	54-59	54-59	63-73	70-71	67-73	67-73
New York, Metro., N.Y. ^{2/}	46-60	50-63	52-63	55-65	54-60	55-62	58-62	58-65
Philadelphia, Pa.	59	62	66	66	65-68	71-76	70-77	70-77
Pittsburgh, Pa.	58	58	61	65	62	62	65	69
Cleveland, Ohio	48-54	49-51	53-54	53-54	59-62	61-62	64	64
Indianapolis, Ind.	48	51	54	54	62	64	67	67
Chicago, Ill.	60	53-57	55-58	54-57	58-66	60-70	62-72	62-72
Detroit, Mich.	51-53	53-55	49-55	49-55	60	62	62	62
Milwaukee, Wis.	43-49	51-53	47-50	47-50	54-55	56-57	55-58	55-58
Mpls.-St. Paul, Minn.	41	40	49	49	51	55	58	58
Kansas City, Mo.	49-51	53-55	57-59	57-59	58	62	61	61
Omaha, Nebr.	49	48-51	52-59	52-59	51	54	58	58
Baltimore, Md.	57	58	60-72	60-72	67-69	69	73	73
Washington, D. C.	53-55	55	57-66*	57-66	68-70	71	74-78	74-78
Jacksonville, Fla.	65	48-69	63-69	69	64	68	69	69
Louisville, Ky.	52	55-59	57-61	59-62	59	62-64	62-67	62-67
New Orleans, La.	61	63	63	63	62	64	65	64
Dallas, Texas	60-61	61-62	59-64	59-64	62-63	63-64	65-66	65-66
Denver, Colo.	45-47	49-51	54-56	54-56	55-57	55-57	62	62
Salt Lake City, Utah	55	55	61	61	53	56	59	59
Seattle, Wash.	49-57	51-60	54-63	54-63	49-65	53-61	56-64	56-64
Portland, Oreg.	56-62	53-62	55	55-62	67	68	66	66
Los Angeles, Calif.	48	50	52	52	60 $\frac{1}{2}$ -61 $\frac{1}{2}$	63	65	65
San Francisco, Calif.	51	51	54	54	3/56 $\frac{1}{2}$	3/61	65	65
25 Cities average	53.4	54.6	57.5	58.0	60.4	62.9	64.8	65.0

^{1/} "Fluid Milk and Cream Report," SRS. Prices are the latest reported to the 10th of each month. Grade and kind of container may differ by markets.

^{2/} New York Metropolitan: New York City plus Nassau, Suffolk and Westchester Counties.

^{3/} Includes 3-cent delivery charge for first unit of each home delivery.

* Revised.

Table 18.--U.S. production, January 1970 to date, with comparisons

Month	Milk 1/		Butter 2/		American cheese 2/		Nonfat dry milk 3/	
	: Change		: Change		: Change		: Change	
	1970*	from 1969	1970*	from 1969	1970*	from 1969	1970*	from 1969
	Bil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
Jan.	9.4	0	99.9	-6	107.6	+21	102.5	-13
Feb.	8.8	+ .5	93.0	-3	103.0	+21	106.8	- 5
Mar.	10.1	+ .9	105.6	+2	120.4	+21	132.2	+ 1
Apr.	10.3	+ .6	109.1	0	130.9	+17	148.4	+ 2
May	11.0	- .1	116.7	-1	149.3	+11	185.7	+ 5
June	10.8	- .1	112.4	+1	150.0	+ 7	179.9	+ 5
July	10.2	+ .2	92.5	-1	136.6	+12	152.3	+11
Aug.	9.7	+ .6	81.1	+5	120.6	+ 9	124.5	+11
Sept.	9.2	+ .9	72.8	+7	104.5	+ 9	96.0	+15
Oct.	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:
Year to date	89.5	+ .4	882.9	0	1,122.9	+14	1,228.2	+ 4

* Preliminary. 1/ "Milk Production," SRS. 2/ "Production of Creamery Butter and Cheese," SRS. 3/ "Evaporated, Condensed and Dry Milk," SRS.

Table 19.--Commercial and Government storage holdings, January 1970 to date, with comparisons

Month	Storage Holdings 1/											
	Butter 2/			American cheese 2/			Nonfat dry milk					
	Commer-	Gov't	Total	Commer-	Gov't	Total	Commer-	Gov't	Total			
	cial	1970*	1970*	cial	1970*	1970*	cial	1970*	1970*			
1970*	1970*	1969	1970*	1970*	1969	3/	4/	1969				
	Million pounds	Pct.	Million pounds	Pct.	Million pounds	Pct.	Million pounds	Pct.				
Jan.	26.1	51.3	77.4	-26	248.5	1.1	249.6	-16	81.1	97.7	178.8	-35
Feb.	28.2	53.1	81.3	-29	236.6	1.4	238.0	-12	81.8	84.9	166.7	-40
Mar.	28.0	63.6	91.6	-25	238.5	.4	238.9	- 8	80.6	79.1	159.7	-41
Apr.	38.7	75.6	114.3	-15	257.3	.4	257.7	- 1	101.4	65.5	166.9	-36
May	39.8	107.2	147.0	-10	280.6	.4	281.0	0	138.7	66.1	204.8	-33
June	38.9	147.1	186.0	- 5	314.3	.9	315.2	+ 3	159.0	65.6	224.6	-35
July	36.9	166.6	203.5	+ 3	325.2	.7	325.9	0	154.0	56.8	210.8	-45
Aug.	37.9	161.3	199.2	+ 7	307.4	1.5	308.9	- 5	165.5	63.6	229.1	-40
Sept.	25.6	147.9	173.5	+12	286.6	3.4	290.0	- 6	144.8	70.0	214.8	-37
Oct.	:	:	:	:	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:	:	:	:	:

* Preliminary. 1/ End of month. 2/ "Cold Storage Report," SRS. 3/ "Evaporated, Condensed and Dry Milk," SRS. 4/ "Summary of Processed Commodities in Store," ASCS.

Table 20.--U.S.D.A. purchases (Delivery basis), January 1970 to date, with comparisons

Month	Butter 1/		American cheese 1/		Nonfat dry milk 1/		Milk equivalent of net U.S.D.A. purchases 2/	
	1970	1969	1970	1969	1970	1969	1970	1969
	1,000 lb.		1,000 lb.		1,000 lb.		Mil. lb.	
Jan.	13,998	19,513	3/ 1,949	198	24,943	42,677	316	415
Feb.	27,282	25,270	3/ 2,150	0	24,491	43,310	599	535
Mar.	17,782	20,049	3/ 1,949	4,704	33,179	46,235	396	454
Apr.	30,394	27,558	403	12,499	35,687	26,215	647	709
May	47,347	39,548	5,767	5,007	47,818	42,629	1,060	914
June	50,203	22,183	8,981	0	66,411	49,537	1,152	495
July	25,359	21,944	8,875	0	53,365	42,469	652	464
Aug.	12,204	5,269	8,096	0	35,281	34,927	354	162
Sept.	4,928	534	5,700	0	35,948	29,216	165	47
Oct.	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:
Year to date	229,497	181,868	43,870	22,408	4/357,123	357,215	5/ 5,341	5/4,195

1/ "Dairy Price Support Activity Report," ASCS. 2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese, includes purchases under Section 709, ASCS. 3/ Purchased under Section 709 of the Agricultural Act of 1965. 4/ Includes purchase of instant nonfat dry milk of 28,301 thousand pounds, January to date. 5/ Includes purchase of evaporated milk of 49 million pounds, January to date 1970 and 147 million pounds, January to date 1969.

Federal Order Milk Used in Manufactured Dairy Products, 1959-1969

Producer deliveries of milk to handlers regulated under Federal milk orders represented nearly 56 percent of all milk delivered to plants and dealers in the United States in 1969. Approximately two-thirds of these deliveries were used in the production of fluid milk products, and as such represented almost 75 percent of the total fluid products sold in the country. Approximately one-third of these deliveries was used in the production of nonfluid milk products, and as such represented about 40 percent of the milk utilized in nonfluid products in the country. In contrast, Federal order deliveries in 1959 represented 40 percent of all milk marketings; 50 percent of the total fluid product sales; and, 23 percent of the milk utilized in nonfluid products in the country.

The amount of whole milk equivalents used in all manufactured products in the United States in 1969 was not noticeably different from the amount used in 1959. (See table 21.) The relative uses of milk in the various manufactured products, however, were noticeably different. Milk used in butter production represented the single largest use of milk available for manufactured products in both years. However, the relative importance of butter as a use for milk has been decreasing (49 percent of the milk used in manufacturing products was used in butter in 1959, 40.6 percent in 1969). Historically, cheese has represented the second largest use of milk available for manufactured products; and the importance of cheese as an outlet for milk has been increasing (21.6 percent in 1959 to 30.2 percent in 1969). The importance of frozen dairy products (including ice cream) and condensed milk, creamed cottage cheese, and evaporated and dry whole milk, and other factory products as uses for milk varied slightly from 1959 to 1969.

In Federal orders, whole milk equivalents used in the production of manufactured dairy products totaled 23.0 billion pounds in 1969, considerably more than 13.4 billion pounds used in manufactured products in 1959. This increase is associated with the growth of the Federal milk order program. (It is interesting to note that the volume of unregulated Grade A milk used in manufactured products decreased slightly, from 5.1 billion pounds in 1959 to 4.0 billion pounds in 1969.) In order to ensure an adequate supply of milk for fluid products at all times in Federal order markets, some reserve supply is necessary and desirable. In addition to day-to-day and seasonal variations in deliveries from producers, purchases of milk by consumers show considerable variations from day to day and from month to month. Because of these variations, reserve supplies of milk are a necessary and an inevitable part of the milk supply of any fluid milk market. The volume of reserve milk available for use in various manufactured products varies from market to market and from month to month, depending upon such factors as local milk production and consumption patterns, market organization and institutional arrangements, extent and location of the marketing area, etc.

Comparing the relationship of milk used in manufactured products in 1959 and 1969 indicates that the importance of various dairy products as an outlet for Federal order milk is changing. In both years, frozen desserts (including ice cream) represented the largest manufacturing use of available Federal order milk, accounting for 35 percent of the available milk in 1969, and 40 percent in 1959. The proportion of available Federal order milk used in butter decreased from 1959 to 1969, while that used in cheese increased. This situation is similar to that which occurred in the U.S. as a whole. The proportions of Federal order milk used in other manufactured products changed only slightly.

Federal order milk used in manufactured products is increasing as a proportion of the total milk used in manufactured products in the U.S. In 1969, Federal order milk accounted for 39.4 percent of all milk used in manufactured products, up from 23.0 percent in 1959. The percentage of each product produced with Federal order milk increased for all products from 1959 to 1969. In 1969, Federal order milk was used to produce at least 25 percent of every manufactured producer except cheese. By contrast, in 1959 cottage cheese and frozen desserts were the only products produced from at least 25 percent Federal order milk.

The relative importance of cottage cheese and frozen desserts made from Federal order milk is associated with the nature of the order program and with the nature of the products themselves. Handlers regulated under Federal milk orders are primarily handlers of fluid milk. Like fluid milk products, cottage cheese and frozen dairy products are perishable and bulky. Also, there is a general demand for these products on most fluid milk routes. Therefore, they are often processed in the same plants where fluid milk is processed and packaged. For these reasons, cottage cheese and frozen dairy products have become closely associated with fluid milk markets, and their production and distribution have become an integral part of many fluid milk operations. As the scope of the Federal order program has expanded in relation to the total fluid milk industry, so has the production and handling of these manufactured products by order handlers increased in relation to total U.S. production. The data in table 21 compares Federal order reserve whole milk equivalents used in the production of various manufactured products during 1969 with like figures for 1959, and total whole milk equivalents used in the production of all manufactured products in the U.S. in 1959 and 1969.

Handlers regulated under Federal milk orders are engaged primarily in the production of fluid milk products and, as such, may have only limited facilities for processing manufactured products. In some markets, much of the reserve milk, especially the seasonal reserve, is diverted or transferred to non-order plants for processing.

In 1969, approximately 60 percent of the reserve Federal order was transferred or diverted to non-order plants for use in manufactured products (excludes New York where such information is not available). This relationship, however, is not the same in all markets, nor is it the same for all products. In the case of reserve milk used in butter and cheese, 31 percent was used in pool plants, the remainder was transferred or diverted to non-order plants. Of the reserve milk used in frozen desserts and condensed milk, one-half was used in pool plants; and in the case of cottage cheese, almost 70 percent of the reserve milk used in this product was used in pool plants. Table 23 shows for individual Federal order markets, the percentage of reserve milk used in manufactured dairy products and the percentage of total reserve utilized in pool plants and non-order plants.

Because of the nature of milk production and the perishability and demand for fluid milk products, the amount of milk utilized in manufactured products has a noticeable seasonality during the year. As might be expected, the amount of reserve milk utilized in butter and cheese is greatest in the flush production months of April, May, and June. Reserve milk used in frozen desserts is greatest in the summer months of June, July, and August. The seasonality pattern of milk used in cottage cheese shows the fluctuation and is quite similar to that of fluid milk products. Table 22 compares the seasonality of Federal order reserve milk utilized in manufactured products in 1969.

Table 21.--Whole milk used in the production of manufactured dairy products in the United States, and Federal order whole milk used in the production of manufactured dairy products, 1959 and 1969 ^{1/}

Manufactured dairy products	United States				Federal order markets					
	1959		1969		1959		1969			
	Total production	Pct. of total factory products	Total production	Pct. of total factory products	Total production	Pct. of F.O. factory products	Pct. of U.S. factory products	Total production	Pct. of F.O. factory products	Pct. of U.S. factory products
Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	
Butter	28,500	49.0	23,700	40.6	4,976	37.2	17.5	8,113	35.3	34.2
Cheese ^{4/}	12,600	21.6	17,600	30.2	1,266	9.5	10.0	3,739	16.3	21.2
Frozen desserts and condensed whole milk	10,500	18.0	11,900	20.4	5,405	40.4	51.5	8,172	35.5	68.7
Cottage cheese, creamed	900	1.5	1,200	2.1	^{5/} 511	3.8	56.8	^{5/} 962	4.2	80.2
Evaporated and dry whole milk and other factory products	5,700	9.9	3,900	6.7	^{6/} 1,220	9.1	21.4	^{6/} 1,997	8.7	51.2
Total factory products	58,200	100.0	58,300	100.0	13,378	100.0	23.0	22,983	100.0	39.4

^{1/} Data represent whole milk equivalent based on milkfat content.

^{2/} "Production of Manufactured Dairy Products," Da 2-1(60)(70), USDA-SRS.

^{3/} Market administrators' bulletins and product reports. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are preliminary and partially estimated.

^{4/} All cheese except creamed cottage cheese.

^{5/} May include small quantities of other cheeses such as pot, bakers', etc.

^{6/} Partially estimated and includes milk used in candy, soup, bakery products, etc.

Table 22.--Seasonality of milk utilized in manufactured products in Federal order markets. Milk used in selected manufactured dairy products as a percentage of the monthly average use for the year, 1969

Month	Butter	Cheese	Frozen	Cottage	Evaporated and
			desserts and condensed whole milk	cheese creamed	dry whole milk and other factory products
Percent					
January	110.7	75.2	84.2	87.9	81.1
February	100.2	75.3	82.9	90.4	76.6
March	111.2	95.2	92.7	106.1	94.0
April	116.1	113.8	102.2	104.4	106.5
May	131.1	136.0	111.6	111.3	133.9
June	114.4	136.2	123.4	105.1	132.2
July	90.2	106.1	127.6	104.5	103.8
August	77.2	99.4	117.8	99.8	113.4
September	64.4	81.8	104.2	98.4	91.7
October	82.9	81.0	93.9	98.3	84.6
November	87.0	81.0	76.2	93.7	77.3
December	114.6	119.0	83.3	100.1	104.9

Table 23.--Whole milk used in the production of manufactured dairy products in selected marketing areas defined by Federal milk orders and percentage of such milk utilized in pool plants and non-order plants, 1969 1/

Marketing area	Percentage of whole milk 2/ used in manufactured products					Percentage of whole milk 2/ utilized at:	
	Butter	Cheese	Frozen	desserts & Cottage	Other	Pool plants	Non-order plants
			condensed	cheese	factory products		
			whole milk:		3/		
			Percent			Percent	
<u>NEW ENGLAND</u>							
Massachusetts-R.I.-N.H.	17.0	25.0	47.3	4.0	6.7	45.6	54.4
Connecticut	*	6.0	91.6	1.6	.8	42.5	57.5
<u>MIDDLE ATLANTIC</u>							
Delaware Valley	*	*	16.0	33.4	50.6	11.4	88.6
<u>SOUTH ATLANTIC</u>							
Upper Chesapeake Bay	1.9	3.3	88.4	2.0	4.4	46.5	53.5
Washington, D. C.	49.1	*	47.9	2.8	.2	84.8	15.2
Tri-State	9.6	.9	50.6	5.5	33.4	74.4	25.6
Appalachian	38.5	5.4	35.0	3.1	18.0	18.5	81.5
Tampa Bay	*	*	68.9	31.1	*	50.3	49.7
Southeastern Florida	*	*	95.7	4.3	*	61.1	38.9
Upper Florida	*	2.5	92.8	4.7	*	77.6	22.4
<u>EAST NORTH CENTRAL</u>							
Upstate Michigan	52.4	28.0	11.8	7.8	*	44.1	55.9
Southern Michigan	42.4	7.5	42.4	5.3	2.4	45.9	54.1
Northwestern Ohio	25.1	*	57.7	11.8	5.4	27.1	72.9
Eastern Ohio-Western Pa.	19.3	13.0	55.1	5.1	7.5	36.7	63.3
Columbus	43.7	5.2	43.7	5.5	1.9	23.7	76.3
Miami Valley	41.1	3.1	51.7	3.1	1.0	29.2	70.8
Cincinnati	7.5	5.0	47.6	5.8	34.1	47.7	52.3
Michigan Upper Peninsula	34.5	43.8	19.2	2.5	*	66.6	33.4
Chicago Regional	36.0	34.5	19.9	2.2	7.4	15.9	84.1
Louisville-Lexington-Evans.	38.0	21.1	27.5	5.0	8.4	22.9	77.1
Indiana	48.3	5.9	30.8	5.5	9.5	25.9	74.1
Southern Illinois	70.5	8.9	14.5	3.9	2.2	31.1	68.9
Central Illinois	29.8	4.6	42.8	6.8	16.0	44.6	55.4
<u>WEST NORTH CENTRAL</u>							
Duluth-Superior	84.4	3.8	11.6	.2	*	97.9	2.1
Minneapolis-St. Paul	79.2	6.9	11.8	1.4	.7	73.0	27.0
Eastern South Dakota	85.7	4.5	8.5	1.3	*	94.0	6.0
Black Hills	71.3	10.6	15.8	2.3	*	23.9	76.1
North Central Iowa	86.6	2.9	7.4	1.7	1.4	21.9	78.1
Cedar Rapids-Iowa City	95.1	1.8	3.0	.1	*	4.7	95.3
Quad Cities-Dubuque	53.3	5.2	33.6	7.7	.2	14.4	85.6
Des Moines	73.4	1.0	19.7	5.9	*	17.5	82.5
Nebraska-Western Iowa	64.8	.7	28.0	4.5	2.0	66.7	33.3
Minnesota-North Dakota	86.0	.2	12.1	1.7	*	26.1	73.9
Southeastern Minn.-N. Iowa	90.0	1.2	5.4	3.0	.4	28.2	71.8

Continued

Table 23.--Whole milk used in the production of manufactured dairy products in selected marketing areas defined by Federal milk orders and percentage of such milk utilized in pool plants and non-order plants, 1969 1/ -Con.

Marketing area	Percentage of whole milk ^{2/} used in manufactured products					Percentage of whole milk ^{2/} utilized at:	
	Butter	Cheese	Frozen : desserts & : condensed : whole milk:	Cottage : cheese	Other : factory : products:	Pool plants	Non-order plants
	Percent					Percent	
<u>WEST NORTH CENTRAL -CON.</u>							
St. Louis-Ozarks	34.0	25.6	30.9	9.3	0.2	40.1	59.9
Kansas City	48.9	8.3	31.0	11.4	.4	40.1	59.9
Neosho Valley	45.0	6.2	8.1	5.7	35.0	42.0	58.0
Wichita	51.4	15.7	28.5	4.4	*	25.8	74.2
<u>EAST SOUTH CENTRAL</u>							
Paducah	26.5	36.2	37.2	.1	*	22.0	78.0
Nashville	18.2	19.8	34.9	3.1	24.0	12.6	87.4
Memphis	18.4	.3	76.5	4.7	.1	59.7	40.3
Knoxville	31.1	39.2	18.1	3.6	8.0	10.3	89.7
Chattanooga	31.0	7.6	35.1	2.8	23.5	24.6	75.4
Mississippi	27.9	7.4	62.8	1.9	*	26.1	73.9
Georgia	3.3	2.2	85.0	2.1	7.4	67.8	32.2
<u>WEST SOUTH CENTRAL</u>							
Central Arkansas	8.6	11.9	64.0	3.3	12.2	44.8	55.2
Fort Smith	*	*	96.3	3.4	.3	24.9	75.1
Oklahoma Metropolitan	69.8	2.3	23.8	3.8	.3	81.1	18.9
Red River Valley	9.8	15.4	69.0	5.8	*	68.4	31.6
Texas Panhandle	.8	57.1	33.9	8.2	*	21.1	78.9
Lubbock-Plainview	.9	31.5	63.0	4.6	*	34.2	65.8
Northern Louisiana	23.4	1.6	70.6	4.4	*	43.2	56.8
New Orleans	15.1	13.3	63.8	7.6	.2	42.8	57.2
North Texas	30.1	8.7	52.2	3.5	5.5	39.6	60.4
Central West Texas	.4	*	94.0	5.6	*	71.6	28.4
Austin-Waco	43.0	*	50.2	6.8	*	61.7	38.3
San Antonio	.2	73.0	22.3	4.5	*	46.0	54.0
Corpus Christi	38.4	1.7	50.2	9.7	*	53.0	47.0
South Texas	10.7	3.5	84.3	.7	.8	33.8	66.2
<u>MOUNTAIN</u>							
Eastern Colorado	17.7	17.1	44.8	6.9	13.5	43.2	56.8
Great Basin	33.6	31.3	30.8	4.2	.1	55.8	44.2
Western Colorado	12.3	9.3	59.0	8.8	10.6	44.1	55.9
Central Arizona	35.5	.3	55.3	8.7	.2	69.8	30.2
Rio Grande Valley	2.0	5.9	79.1	11.8	1.2	65.7	34.3
<u>PACIFIC</u>							
Puget Sound	32.5	17.3	25.6	3.5	21.1	81.8	18.2
Inland Empire	44.8	15.2	34.5	5.2	.3	52.8	47.2

* Indicates no surplus milk used in such products, or less than 0.05 percent.

^{1/} Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonpool plants for processing. Some of the data are partially estimated.

^{2/} Data represent whole milk equivalent based on milkfat content.

^{3/} Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

Major Order Actions, September 1970

Amendments:

Chicago Regional - September 1 (35 FR 12263, 7/31/70). This amendment adds the Wisconsin Counties of Adams, Green Lake, Marquette, Menominee, and Waushara, to the Chicago Regional marketing area. Population (1960 Census) 10,084,400.

Action permits a pool distributing plant operator to be a handler on bulk tank milk delivered to another pool distributing plant. Action also permits a government owned dairy farm to request non-producer status on milk delivered to a pool plant for custom processing. Amendment requires that a reload facility be a building approved by an appropriate health authority which has facilities adequate for cleaning tank trucks.

The Class I differential is increased from \$1.20 to \$1.26. This amendment adds three new price zones within 70 miles of Chicago. (a) Zone I - no adjustment rate. Zone I consists of the territory within 40 miles of the city hall in Chicago. (b) Zone 2 - minus 2 cents adjustment rate. Zone 2 consists of the territory beyond Zone I but within 55 miles of the city hall in Chicago. (c) Zone 3 - minus 4 cents adjustment rate. Zone 3 consists of the territory beyond Zone 2 but within 70 miles of the city hall in Chicago. (d) Zone 4 - minus six cents adjustment rate. Zone 4 consists of the territory beyond Zone 3 but within 85 miles of the city hall in Chicago, plus Milwaukee County, Wisconsin, and Winnebago County, Illinois. (e) Additional zones - for plants located beyond Zone 4, adjustment rate is an additional two cents for each 15 miles or fraction thereof over 85 miles. The territory beyond 85 miles, but not to exceed 100 miles, shall be Zone 5 and each successive 15-mile area shall be an additional zone.

Georgia - September 1 (35 FR 12263, 7/31/70). This amendment continues the Class I price at its present level for an indefinite period. The Class I price is the Minnesota-Wisconsin price for the preceding month plus \$2.10 and plus 20 cents.

Nashville - September 1 (35 FR 13784, 8/29/70). This amendment provides that milk may be diverted for Class II use between Nashville pool plants and plants regulated under other orders if the operators of both plants report to their respective market administrators that such milk is intended for Class II use.

Action provides that a distributing plant meeting the pooling requirements of more than one order continue to be regulated under the order to which it had been subject until the third consecutive month in which its sales in another marketing area exceed those in the original marketing area.

Paducah - September 1 (35 FR 13826, 9/1/70). This amendment provides for milk delivered to pool plants from farms of member producers to be a receipt at a cooperative association supply plant for the purpose of qualifying such plant as a pool plant, if two-thirds of the milk of member producers is delivered to pool plants, either directly or from the cooperative plant.

Suspensions:

Eastern Ohio-Western Pennsylvania - September 1 (35 FR 13281, 8/20/70). This suspension will result in milk that is diverted to a supply plant from other plants not being considered a part of the supply plant's receipts in determining if the supply plant has met the shipping requirements for pooling.

Inland Empire - September 1 (35 FR 14985, 9/26/70). For the period September through November 1970, this suspension removes the requirement that a producer must deliver at least six days' production to a pool plant during each of these months to be eligible to divert his milk to a nonpool plant.

Terminations:

Eastern Ohio-Western Pennsylvania - September 17 (35 FR 14539, 9/17/70). This termination order will continue under the recently amended order, the present Class I classification of fluid milk products that are transferred from a pool plant to a producer-handler plant.

Ohio Valley - September 17 (35 FR 14539, 9/17/70). This termination order will result in the Class I classification of all fluid milk products that are transferred from a pool plant to a producer-handler plant.

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